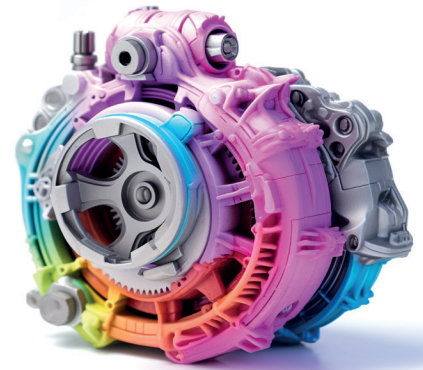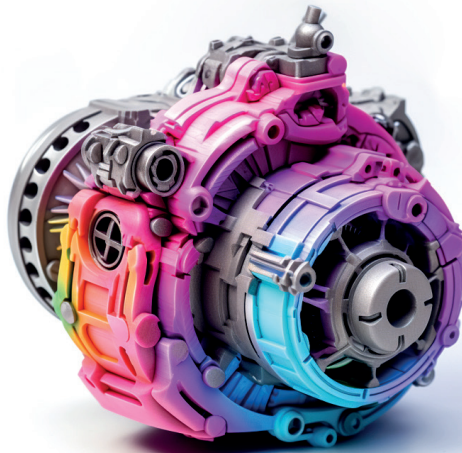**NT**
K+D AG
Plastics & sealing technology
3D printing

NT-Colour Selection
RAL | CMYK | RGB | HEX

Introduction

Whether you want your printed parts to shine in vibrant colours or add a touch of elegance to your prototype, the RAL colour selection offers a wide range of intense hues, from vibrant primaries to subtle pastels. Using RAL colours allows for precise colour matching and guarantees a consistent look for all your printed components.

Why RAL?
The RAL colours listed here can be used in any case. Other RAL colours are possible after consultation; however, they cannot be realised in every case as some shades are not available as spray paint. Colours from other palettes such as Pantone, HKS or NCS are only possible after consultation.

What is the difference in the type of colouring?
In the FDM process, parts are usually produced with a single-colour filament, whereas in the PolyJet or MJF process, the parts are coloured directly during the printing process. In principle, every manufactured object, regardless of the process, can be lacquered in one or more colours (RAL) and provided with a transparent protective lacquer in the final finishing stage.

Which materials can be lacquered?
FDM materials such as ABS, ASA and PLA are ideal for lacquering, with PLA being the most suitable.

PolyJet materials can be used without any problems. However, a special rubber lacquer must be used for flexible PolyJet materials, and the colour selection is limited. The reason for this is that the colour of flexible materials flakes off over time.

MJF-PA12 can be painted with acrylic paints. The prerequisite for this is that the part is completely dry.

Which FDM materials have the widest range of filament colours?
Sometimes you are happy if the object is already in a certain colour from the ground up. However, not every FDM material has the same range of colours.

PLA and PETG have the widest range of different filament colours. Other FDM materials are usually only available in natural, white and black. For transparent materials we can recommend our 3D-PET.

File formats

STEP
or STP, is a standard for describing product data in the additive industry.
For example, a perfect sphere is described by formula.

STL
The STL format describes the surface of 3D bodies with the help of triangular facets.
No sphere is defined here, but only individual triangles with coordinates.

OBJ + MTL (accompanying file format MTL for textures/colours)
An OBJ file is a standard 3D image format, it contains a three-dimensional object with 3D co-ordinates. object with 3D coordinates, texture maps, polygon areas and other object information.

3MF
The 3MF format contains a 3D model that includes textures, mesh, colours, materials, scaling and a print ticket with recommended print options.

WRL
It is the modelling language for virtual reality and can be navigated in three dimensions. in three dimensions. It contains coordinates and colours that define each object and shape.

From experience, we recommend that you use your file in the 3MF file format, as this is usually the least affected by problems in the production process.

Key data

3D

Resolution
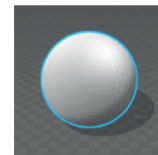
STL Resolution 0,01 mm   STL Resolution 0,8 mm
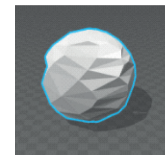
Recommended resolution: 0,1 mm

Multi-component file
For assembled 3D data or assemblies, it is important that all models have the same zero point.

PolyJet and Multi Jet colour spectrum

In PolyJet, your objects can be coloured directly during the printing process. Similar to conventional 2D printing, your printed part can be coloured in multiple colours from all sides.

PolyJet offers an astonishingly wide colour gamut, which makes it possible to display impressive and vivid colours in 3D-printed 3D printed parts. The J750 is known as one of the most powerful colour printers on the market, offering over 500,000 possible colours.

It is important to note that the colour space does not include all Pantone and RGB colours. In particular, pure reds are limited with the PolyJet. Although the J750 colour space is very extensive, there are areas that the J750 cannot reach, e.g. Pantone and RGB. The CMYK colour space, on the other hand, is completely included and can be reproduced without any problems.

Multi Jet Fusion (MJF)
Parts from the Multi Jet Fusion are not only stable, but can also be printed in a wide range of colours.
The printable colour range of the MJF is comparable to the PolyJet colour space.

LAB colour space
(All colours visible
visible colours)

RGB (Computer monitors)

Pantone Farbpalette

CMYK (2D printers)

Stratasys J750
(slightly larger than CMYK)

HP Jet Fusion 580

Multi Jet Fusion

PolyJet

NT
K+D AG

Colour matrix

With this colour matrix we present a clear selection of colour variations for your PolyJet and MJF printing projects. The colour matrix is not just a simple palette, but a comprehensive tool so that you know exactly which shades you can choose for your project.

Each cell gives R, G, B values.

#	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
21	99,49,31	77,33,19	133,70,49	144,77,47	158,108,77	163,108,84	193,121,87	217,145,111	217,171,149	233,184,164	214,138,124	225,166,131	210,155,124	223,177,138	227,182,157	247,193,155	235,193,156	236,202,177	220,189,166	244,194,180		
20	57,28,29	64,43,40	95,59,44	97,43,29	171,95,67	138,93,70	207,158,118	179,129,95	188,125,95	219,169,159	210,153,113	235,171,126	175,135,116	210,151,121	221,174,141	206,161,138	230,181,150	255,204,175	239,208,180	232,166,149		
19	252,210,204	252,219,204	252,235,204	252,249,204	233,248,208	221,243,212	202,244,219	201,235,225	201,244,245	201,237,252	206,227,245	201,227,255	201,217,255	213,201,255	223,205,255	231,201,255	234,201,245	250,201,228	252,201,221	247,207,214	255,255,255	255,0,0
18	252,189,177	252,202,177	252,227,177	252,248,177	223,245,184	205,237,190	179,239,200	175,226,211	175,238,239	175,230,252	184,214,239	175,214,255	175,198,255	194,176,255	210,181,255	221,176,255	223,176,239	249,176,215	252,176,204	244,184,196	239,239,239	0,255,0
17	252,169,153	252,185,153	252,220,153	252,247,153	214,243,161	189,233,170	155,235,183	150,218,197	150,235,235	150,223,251	160,202,235	150,202,255	150,181,255	174,151,255	197,157,255	210,151,255	214,151,235	249,151,209	252,151,186	241,160,175	224,224,224	0,0,255
16	253,147,128	253,169,128	253,210,128	253,246,128	206,239,138	173,228,148	131,231,164	125,210,183	125,230,230	125,214,250	137,190,230	125,190,255	125,162,255	156,126,255	183,133,255	200,126,255	206,126,230	249,126,189	253,126,170	239,137,156	210,210,210	
14	253,125,102	253,151,102	253,202,102	253,244,102	196,236,115	158,223,128	106,226,146	100,200,169	100,224,223	100,207,249	115,177,223	100,177,255	100,144,255	136,100,255	169,108,255	189,100,255	197,100,223	248,100,175	253,100,153	236,115,135	195,195,195	
13	253,105,77	253,134,77	253,195,77	253,243,77	186,235,92	143,219,107	82,222,128	75,192,154	75,221,219	75,199,248	92,166,219	75,166,255	75,125,255	118,75,255	155,84,255	180,75,255	187,75,219	248,75,162	253,75,135	235,92,116	180,180,180	0,255,255
12	253,83,51	253,119,51	253,186,51	253,240,51	177,232,69	126,213,84	57,218,109	49,183,139	49,215,213	49,192,248	70,153,213	49,153,255	49,108,255	97,51,255	142,60,255	170,51,255	177,51,213	248,51,149	253,51,119	232,69,96	164,164,164	255,0,255
11	255,62,26	255,102,26	255,177,26	255,239,26	168,230,44	111,209,64	32,212,92	24,174,124	24,211,209	24,184,248	46,141,209	24,141,255	24,90,255	79,24,255	128,36,255	159,24,255	169,24,209	248,24,136	255,24,102	230,24,77	149,149,149	255,255,0
10	255,42,0	255,84,0	255,170,0	255,237,0	159,226,21	95,204,43	8,209,73	0,166,110	0,207,204	0,176,247	23,128,204	0,128,255	0,71,255	59,0,255	113,13,255	148,0,255	159,0,204	247,0,123	255,0,84	226,0,57	134,134,134	
9	228,37,0	228,75,0	228,153,0	228,213,0	143,204,19	85,184,39	7,187,67	0,148,99	0,185,184	0,159,222	21,115,184	0,115,228	0,65,228	54,0,228	103,11,228	133,0,228	144,0,184	222,0,111	228,0,75	204,0,51	120,120,120	
8	204,33,0	204,68,0	204,135,0	204,189,0	126,182,18	77,162,33	6,167,58	0,133,88	0,166,162	0,142,197	19,102,162	0,102,204	0,57,204	47,0,204	91,9,204	119,0,204	128,0,162	197,0,98	204,0,68	182,0,45	105,105,105	237,28,36
7	174,24,0	177,58,0	177,119,0	177,167,0	110,159,15	67,143,30	6,146,52	0,116,78	0,145,143	0,123,172	17,90,143	0,90,177	0,49,177	42,0,177	80,8,177	104,0,177	111,0,143	172,0,86	177,0,58	159,16,40	90,90,90	247,148,29
6	153,21,0	153,51,0	153,102,0	153,143,0	95,135,13	57,121,26	5,124,44	0,99,67	0,123,121	0,106,147	14,77,121	0,77,153	0,43,153	35,0,153	68,7,153	88,0,153	95,0,121	147,0,73	153,0,51	135,14,33	74,74,74	255,215,0
5	128,20,0	128,43,0	128,84,0	128,119,0	80,113,10	47,102,21	5,105,36	0,82,56	0,104,102	0,88,123	11,64,102	0,64,128	0,35,128	30,0,128	57,6,128	74,0,102	80,0,102	123,0,61	128,0,43	113,11,29	59,59,59	0,128,55
4	102,15,0	102,33,0	102,68,0	102,95,0	64,91,8	37,82,17	4,83,30	0,66,44	0,82,82	0,70,98	9,51,82	0,51,102	0,29,102	23,0,102	45,5,102	59,0,102	64,0,82	98,0,49	102,0,33	91,0,22	44,44,44	0,174,239
3	77,10,0	77,26,0	77,51,0	77,70,0	47,68,6	29,60,13	3,62,21	0,49,32	0,61,60	0,53,73	6,37,60	0,37,77	0,21,77	18,0,77	33,4,77	44,0,77	47,0,60	73,0,36	77,0,26	68,6,17	30,30,30	0,84,166
2	51,6,0	51,17,0	51,33,0	51,47,0	31,44,4	19,41,8	2,42,15	0,32,21	0,41,41	0,34,48	5,26,41	0,26,51	0,14,51	11,0,51	22,3,51	30,0,51	31,0,41	48,0,24	51,0,17	44,0,10	15,15,15	146,39,143
1	37,6,0	32,10,0	26,16,0	26,23,0	16,22,2	9,19,4	1,20,6	0,17,10	2,20,19	0,18,24	2,13,19	0,13,26	0,6,26	6,0,26	11,1,26	15,0,26	16,0,19	24,0,11	26,0,8	22,0,6	0,0,0	158,0,93

RAL colour overview

On the following pages you will find our RAL overview for 3D printing. Discover a diverse selection of RAL colours to bring your 3D models to life. Our unique RAL numbers allow a precise colour communication.

The RAL overview includes a selection of 210 colour tones, which is roughly equivalent to RAL Classic (213 tones). Expanded colour shades, such as luminous colours, are not included for technical reasons, as their implementation is not always possible.

However, please note that availability may vary depending on the printing process and material. If you have any questions, please do not hesitate to contact us to support your creative vision.

RAL 1000	RAL 1001	RAL 1002	RAL 1003	RAL 1004
Green Beige	Beige	Sand Yellow	Signal Yellow	Golden Yellow
CMYK 10 10 50 10	CMYK 0 20 50 20	CMYK 0 20 60 10	CMYK 5 20 90 0	CMYK 5 30 100 0
RGB 204 197 143	RGB 209 188 138	RGB 210 183 115	RGB 247 186 11	RGB 226 176 7
HEX #CCC58F	HEX #D1BC8A	HEX #D2B773	HEX #F7BA0B	HEX #E2B007

RAL 1005	RAL 1006	RAL 1007	RAL 1011	RAL 1012
Honey Yellow	Maize Yellow	Daffodil Yellow	Brown Beige	Lemon Yellow
CMYK 10 30 100 0	CMYK 5 30 90 0	CMYK 0 40 100 0	CMYK 30 40 70 0	CMYK 10 10 90 0
RGB 200 159 4	RGB 225 161 0	RGB 231 156 0	RGB 173 122 79	RGB 217 192 34
HEX #C89F04	HEX #E1A100	HEX #E79C00	HEX #AF8A54	HEX #D9C022

RAL 1013	RAL 1014	RAL 1015	RAL 1016	RAL 1017
Oyster White	Ivory	Light Ivory	Sulphur Yellow	Saffron Yellow
CMYK 0 5 20 10	CMYK 0 10 40 10	CMYK 0 5 30 10	CMYK 10 0 90 0	CMYK 0 30 70 0
RGB 233 229 206	RGB 222 208 159	RGB 234 222 189	RGB 234 240 68	RGB 244 183 83
HEX #E9E5CE	HEX #DED09F	HEX #EADEBD	HEX #EAF044	HEX #F4B752

RAL 1018	RAL 1019	RAL 1020	RAL 1021	RAL 1023
Zinc Yellow	Grey Beige	Olive Yellow	Rape Yellow	Traffic Yellow
CMYK 0 0 80 0	CMYK 5 20 40 40	CMYK 1 5 30 40	CMYK 0 10 100 0	CMYK 0 10 90 0
RGB 243 224 59	RGB 164 149 125	RGB 154 148 100	RGB 238 201 0	RGB 240 202 0
HEX #F3E03B	HEX #A4957D	HEX #9A9464	HEX #EEC900	HEX #F0CA00

RAL 1024	RAL 1026	RAL 1027	RAL 1028	RAL 1032
Ochre Yellow	Luminous Yellow	Curry Yellow	Melon Yellow	Broom Yellow
CMYK 30 40 70 10	CMYK 0 0 100 0	CMYK 10 20 90 40	CMYK 0 30 100 0	CMYK 0 30 90 10
RGB 184 156 80	RGB 245 255 0	RGB 163 140 21	RGB 255 171 0	RGB 221 178 15
HEX #B89C50	HEX #F5FF00	HEX #A38C15	HEX #FFAB00	HEX #DDB20F

RAL 1033	RAL 1034	RAL 1035	RAL 1036	RAL 1037
Dahlia Yellow	Pastel Yellow	Pearl Beige	Pearl Yellow	Sun Yellow
CMYK 0 30 90 0	CMYK 0 30 80 0	CMYK 16 19 33 26	CMYK 33 46 80 18	CMYK 0 40 100 0
RGB 250 171 33	RGB 237 171 86	RGB 162 153 133	RGB 146 117 73	RGB 238 162 5
HEX #FAAB21	HEX #EDAB56	HEX #A29985	HEX #927549	HEX #EEA205

RAL 2000
Yellow Orange
CMYK   0   50   100   0
RGB   221 121 7
HEX   #DD7907

RAL 2001
Red Orange
CMYK   0   80   100   20
RGB   190 78   36
HEX   #BE4E24

RAL 2002
Vermilion
CMYK   0   90   100   10
RGB   198 57   39
HEX   #C63927

RAL 2003
Pastel Orange
CMYK   0   52   100   0
RGB   250 132 43
HEX   #FA842B

RAL 2004
Pure Orange
CMYK   0   70   100   0
RGB   231 91   18
HEX   #E75B12

RAL 2005
Luminous Orange
CMYK   0   75   75   5
RGB   255 35   0
HEX   #FF2300

RAL 2007
Luminous Bright Orange
CMYK   0   50   100   0
RGB   255 164 33
HEX   #FFA421

RAL 2008
Bright Red Orange
CMYK   0   60   100   0
RGB   243 117 44
HEX   #F3752C

RAL 2009
Traffic Orange
CMYK   5   70   100   10
RGB   225 85   1
HEX   #E15501

RAL 2010
Signal Orange
CMYK   0   70   100   10
RGB   212 101 47
HEX   #D4652F

RAL 2011
Deep Orange
CMYK   0   55   100   0
RGB   236 124 37
HEX   #EC7C25

RAL 2012
Salmon Orange
CMYK   0   60   70   0
RGB   219 106 80
HEX   #DB6A50

RAL 2013
Pearl Orange
CMYK   0   80   100   40
RGB   149 69   39
HEX   #954527

RAL 3000
Flame Red
CMYK   0   100   100   20
RGB   171 37   36
HEX   #AB2524

RAL 3001
Signal Red
CMYK   20   100   90   10
RGB   160 33   40
HEX   #A02128

RAL 3002
Carmine Red
CMYK   10   100   90   20
RGB   161 35   43
HEX   #A1232B

RAL 3003
Rubuy Red
CMYK   0   100   100   40
RGB   141 29   44
HEX   #8D1D2C

RAL 3004
Purple Red
CMYK   20   100   100   60
RGB   112 31   41
HEX   #701F29

RAL 3005
Wine Red
CMYK   20   100   80   40
RGB   94   32   40
HEX   #5E2028

RAL 3007
Black Red
CMYK   60   100   70   80
RGB   64   34   37
HEX   #402225

RAL 3009
Oxide Red
CMYK   5   90   100   80
RGB   112 55   49
HEX   #703731

RAL 3011
Brown Red
CMYK   20   100   100   40
RGB   126 41   44
HEX   #7E292C

RAL 3012
Beige Red
CMYK   5   50   50   10
RGB   203 141 115
HEX   #CB8D73

RAL 3013
Tomato Red
CMYK   20   90   100   20
RGB   156 50   46
HEX   #9C322E

RAL 3014
Antique Red
CMYK   0   70   30   10
RGB   212 116 121
HEX   #D47479

RAL 3015
Light Pink
CMYK   0   50   20   10
RGB   225 166 173
HEX   #E1A6AD

RAL 3016
Coral Red
CMYK   0   90   90   20
RGB   172 64   52
HEX   #AC4034

RAL 3017
Rose
CMYK   0   80   50   10
RGB   211 84   95
HEX   #D3545F

RAL 3018
Strawberry Red
CMYK   5   90   70   5
RGB   209 65   82
HEX   #D14152

RAL 3020
Traffic Red
CMYK   0   100   100   10
RGB   193 18   28
HEX   #C1121C

RAL 3022
Salmon pink
CMYK   0   60   70   0
RGB   213 109 86
HEX   #D56D56

RAL 3024
Luminous Red
CMYK   0   80   90   0
RGB   247 0   0
HEX   #F70000

RAL 3026
Luminous Bright Red
CMYK   0   80   100   0
RGB   255 0   0
HEX   #FF0000

RAL 3027
Raspberry Red
CMYK   0   100   70   20
RGB   180 32   65
HEX   #B42041

RAL 3031
Orient Red
CMYK   20   100   90   20
RGB   172 50   59
HEX   #AC323B

RAL 3032
Pearl Ruby Red
CMYK   10   100   90   50
RGB   113 21   33
HEX   #711521

RAL 3033
Pearl Pink
CMYK   8   84   72   13
RGB   178 76   67
HEX   #B24C43

RAL 4001
Red Lilac
CMYK   60   70   5   10
RGB   138 90   131
HEX   #8A5A83

RAL 4002
Red Violet
CMYK   40   100   90   5
RGB   147 61   80
HEX   #933D50

RAL 4003
Heather Violet
CMYK   10   70   10   0
RGB   209 91   143
HEX   #D15B8F

RAL 4004
Claret Violet
CMYK   60   100   50   20
RGB   105   22   57
HEX   #691639

RAL 4005
Blue Lilac
CMYK   60   100   5   10
RGB   131   99   157
HEX   #83639D

RAL 4006
Traffic Purple
CMYK   50   100   0   0
RGB   153   37   114
HEX   #992572

RAL 4007
Purple Violet
CMYK   70   100   20   60
RGB   74   32   59
HEX   #4A203B

RAL 4008
Signal Violet
CMYK   60   90   0   10
RGB   144   70   132
HEX   #904684

RAL 4009
Pastel Violet
CMYK   40   40   30   0
RGB   163   137   149
HEX   #A38995

RAL 4010
Telemagenta
CMYK   10   90   30   0
RGB   198   54   120
HEX   #C63678

RAL 4011
Pearl Violet
CMYK   47   57   3   7
RGB   135   115   161
HEX   #8773A1

RAL 4012
Pearl Blackberry
CMYK   50   50   20   23
RGB   107   104   128
HEX   #6B6880

RAL 5000
Violet Blue
CMYK   100   40   5   40
RGB   56   76   112
HEX   #384C70

RAL 5001
Green Blue
CMYK   90   20   0   80
RGB   31   71   100
HEX   #1F4764

RAL 5002
Ultramarine Blue
CMYK   100   70   0   40
RGB   43   44   124
HEX   #2B2C7C

RAL 5003
Sapphire Blue
CMYK   100   50   0   80
RGB   42   55   86
HEX   #2A3756

RAL 5004
Black Blue
CMYK   100   100   70   40
RGB   29   31   42
HEX   #1D1F2A

RAL 5005
Signal Blue
CMYK   100   40   0   40
RGB   21   72   137
HEX   #154889

RAL 5007
Brilliant Blue
CMYK   80   20   0   40
RGB   65   103   141
HEX   #41678D

RAL 5008
Grey Blue
CMYK   60   0   0   90
RGB   49   60   72
HEX   #313C48

RAL 5009
Azure Blue
CMYK   90   30   10   40
RGB   46   89   120
HEX   #2E5978

RAL 5010
Gentian Blue
CMYK   100   40   5   40
RGB   19   68   124
HEX   #13447C

RAL 5011
Steel Blue
CMYK   100   60   10   80
RGB   35   44   63
HEX   #232C3F

RAL 5012
Light Blue
CMYK   90   30   10   10
RGB   52   129   184
HEX   #3481B8

RAL 5013
Cobalt Blue
CMYK   100   60   0   60
RGB   35   45   83
HEX   #232D53

RAL 5014
Pigeon Blue
CMYK   50   20   0   40
RGB   108   124   152
HEX   #6C7C98

RAL 5015
Sky Blue
CMYK   100   30   0   10
RGB   40   116   178
HEX   #2874B2

RAL 5017
Traffic Blue
CMYK   100   20   5   40
RGB   14   81   141
HEX   #0E518D

RAL 5018
Turquoise Blue
CMYK   90   10   40   10
RGB   33   136   143
HEX   #21888F

RAL 5019
Capri Blue
CMYK   100   50   20   10
RGB   26   87   132
HEX   #1A5784

RAL 5020
Ocean Blue
CMYK   100   0   40   80
RGB   11   65   81
HEX   #0B4151

RAL 5021
Water Blue
CMYK   100   20   50   10
RGB   7   115   122
HEX   #07737A

RAL 5022
Night Blue
CMYK   100   100   40   40
RGB   47   42   90
HEX   #2F2A5A

RAL 5023
Distant Blue
CMYK   80   40   10   20
RGB   77   102   142
HEX   #4D668E

RAL 5024
Pastel Blue
CMYK   70   20   10   20
RGB   106   147   176
HEX   #6A93B0

RAL 5025
Pearl Gentian Blue
CMYK   97   48   31   15
RGB   41   100   120
HEX   #296478

RAL 5026
Pearl Night Blue
CMYK   100   80   0   50
RGB   16   44   84
HEX   #102C54

RAL 6000
Patina Green
CMYK   80   20   60   20
RGB   50   118   98
HEX   #327662

RAL 6001
Emerald Green
CMYK   90   30   90   10
RGB   40   113   62
HEX   #28713E

RAL 6002
Leaf Green
CMYK   90   40   90   10
RGB   39   98   53
HEX   #276235

RAL 6003
Olive Green
CMYK   80   50   80   20
RGB   75   87   62
HEX   #4B573E

RAL 6004
Blue Green
CMYK   100   50   60   40
RGB   14   66   67
HEX   #0E4243

RAL 6005
Moss Green
CMYK   100   60   90   20
RGB   15   67   54
HEX   #0F4336

RAL 6006 — Grey Olive
CMYK 90 80 90 20
RGB 64 67 59
HEX #40433B

RAL 6007 — Bottle Green
CMYK 80 50 80 60
RGB 40 52 36
HEX #283424

RAL 6008 — Brown Green
CMYK 70 50 70 80
RGB 53 56 46
HEX #35382E

RAL 6009 — Fir Green
CMYK 90 50 90 60
RGB 38 57 47
HEX #26392F

RAL 6010 — Grass Green
CMYK 70 10 80 40
RGB 62 117 59
HEX #3E753B

RAL 6011 — Resedagreen
CMYK 70 30 70 5
RGB 102 130 91
HEX #66825B

RAL 6012 — Black Green
CMYK 100 80 100 20
RGB 49 64 61
HEX #31403D

RAL 6013 — Reed Green
CMYK 40 20 60 40
RGB 121 124 90
HEX #797C5A

RAL 6014 — Yellow Olive
CMYK 80 50 90 60
RGB 68 67 55
HEX #444337

RAL 6015 — Black Olive
CMYK 80 60 70 40
RGB 61 64 58
HEX #3D403A

RAL 6016 — Turquoise Green
CMYK 100 30 80 0
RGB 2 106 82
HEX #026A52

RAL 6017 — Yellow Green
CMYK 80 20 100 10
RGB 70 134 65
HEX #468641

RAL 6018 — May Green
CMYK 70 0 90 0
RGB 72 164 63
HEX #48A43F

RAL 6019 — Pastel Green
CMYK 35 0 40 0
RGB 183 217 177
HEX #B7D9B1

RAL 6020 — Chrome Green
CMYK 90 60 80 20
RGB 53 71 51
HEX #354733

RAL 6021 — Pale Green
CMYK 50 10 50 10
RGB 134 164 124
HEX #86A47C

RAL 6022 — Olive Drab
CMYK 90 80 100 20
RGB 62 60 50
HEX #3E3C32

RAL 6024 — Traffic Green
CMYK 90 10 80 10
RGB 0 135 84
HEX #008754

RAL 6025 — Fem Green
CMYK 80 30 90 10
RGB 83 117 60
HEX #53753C

RAL 6026 — Opal Green
CMYK 100 30 70 40
RGB 0 93 82
HEX #005D52

RAL 6027 — Light Green
CMYK 60 0 30 0
RGB 129 192 187
HEX #81C0BB

RAL 6028 — Pine Green
CMYK 100 60 100 0
RGB 45 85 70
HEX #2D5546

RAL 6029 — Mint Green
CMYK 100 20 100 5
RGB 0 114 67
HEX #007243

RAL 6032 — Signal Green
CMYK 90 10 80 0
RGB 15 133 88
HEX #0F8558

RAL 6033 — Mint turquoise
CMYK 80 20 50 0
RGB 71 138 132
HEX #478A84

RAL 6034 — Pastel Turquoise
CMYK 60 10 40 0
RGB 127 176 178
HEX #7FB0B2

RAL 6035 — Pearl Green
CMYK 90 0 100 75
RGB 27 84 44
HEX #1B542C

RAL 6036 — Pearl Opal Green
CMYK 100 10 60 50
RGB 0 93 76
HEX #005D4C

RAL 7000 — Squirrelgrey
CMYK 40 10 10 40
RGB 126 139 146
HEX #7E8B92

RAL 7001 — Silver Grey
CMYK 10 0 0 40
RGB 143 153 159
HEX #8F999F

RAL 7002 — Olive Grey
CMYK 30 30 50 40
RGB 129 127 104
HEX #817F68

RAL 7003 — Moss Grey
CMYK 30 20 40 40
RGB 122 123 109
HEX #7A7B6D

RAL 7004 — Signal Grey
CMYK 0 0 0 45
RGB 158 160 161
HEX #9EA0A1

RAL 7005 — Mouse Grey
CMYK 30 10 20 60
RGB 107 113 111
HEX #6B716F

RAL 7006 — Beige Grey
CMYK 0 10 30 60
RGB 117 111 97
HEX #756F61

RAL 7008 — Khaki Grey
CMYK 30 40 70 40
RGB 116 102 67
HEX #746643

RAL 7009 — Green Grey
CMYK 20 50 40 80
RGB 91 98 89
HEX #5B6259

RAL 7010 — Tarpaulin Grey
CMYK 20 5 30 80
RGB 87 93 87
HEX #575D57

RAL 7011 — Iron Grey
CMYK 40 10 20 80
RGB 85 93 97
HEX #555D61

RAL 7012 — Basalt Grey
CMYK 20 0 10 80
RGB 89 97 99
HEX #596163

RAL 7013
Brown Grey
CMYK 10 10 40 80
RGB 85 85 72
HEX #555548

RAL 7015
Slategrey
CMYK 40 10 10 80
RGB 81 86 92
HEX #51565C

RAL 7016
Anthracite Grey
CMYK 60 30 30 80
RGB 55 63 67
HEX #373F43

RAL 7021
Black Grey
CMYK 50 10 5 95
RGB 46 50 52
HEX #2E3234

RAL 7022
Umbra Grey
CMYK 30 20 40 80
RGB 75 77 70
HEX #4B4D46

RAL 7023
Concrete Grey
CMYK 40 20 40 40
RGB 129 132 121
HEX #818479

RAL 7024
Graphite Grey
CMYK 80 60 50 40
RGB 71 74 80
HEX #474A50

RAL 7026
Granite Grey
CMYK 60 20 30 80
RGB 55 68 71
HEX #374447

RAL 7030
Stone Grey
CMYK 20 10 20 40
RGB 147 147 136
HEX #939388

RAL 7031
Blue Grey
CMYK 60 30 30 40
RGB 93 105 112
HEX #5D6970

RAL 7032
Pebble Grey
CMYK 0 0 20 40
RGB 185 185 168
HEX #B9B9A8

RAL 7033
Cement Grey
CMYK 30 10 30 40
RGB 129 137 121
HEX #818979

RAL 7034
Yellow Grey
CMYK 5 5 40 40
RGB 147 145 118
HEX #939176

RAL 7035
Light Grey
CMYK 5 0 5 20
RGB 203 208 204
HEX #CBD0CC

RAL 7036
Platinum Grey
CMYK 10 10 10 40
RGB 154 150 151
HEX #9A9697

RAL 7037
Dusty Grey
CMYK 30 20 20 40
RGB 124 127 126
HEX #7C7F7E

RAL 7038
Agate Grey
CMYK 30 10 20 20
RGB 180 184 176
HEX #B4B8B0

RAL 7039
Quartz Grey
CMYK 50 40 50 40
RGB 107 105 95
HEX #6B695F

RAL 7040
Window Grey
CMYK 20 5 10 40
RGB 157 163 166
HEX #9DA3A6

RAL 7042
Verkehrsgrau A
CMYK 30 10 20 40
RGB 143 150 149
HEX #8F9695

RAL 7043
Verkehrsgrau B
CMYK 30 10 20 80
RGB 78 84 81
HEX #4E5451
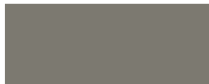
RAL 7044
Silk Grey
CMYK 0 0 15 30
RGB 189 189 178
HEX #BDBDB2

RAL 7045
Telegrau 1
CMYK 20 10 10 40
RGB 145 150 154
HEX #91969A

RAL 7046
Telegrau 2
CMYK 30 10 10 40
RGB 130 137 142
HEX #82898E

RAL 7047
Telegrau 4
CMYK 0 0 5 20
RGB 207 208 207
HEX #CFD0CF

RAL 7048
Pearl Mouse Grey
CMYK 32 32 39 27
RGB 136 129 117
HEX #888175

RAL 8000
Green Brown
CMYK 50 50 80 10
RGB 136 113 66
HEX #887142

RAL 8001
Ocher Brown
CMYK 40 60 90 10
RGB 156 107 48
HEX #9C6B30

RAL 8002
Signal Brown
CMYK 60 80 80 10
RGB 123 81 65
HEX #7B5141

RAL 8003
Clay Brown
CMYK 50 70 80 10
RGB 128 84 47
HEX #80542F

RAL 8004
Copper Brown
CMYK 40 80 80 10
RGB 143 78 53
HEX #8F4E35

RAL 8007
Fawn Brown
CMYK 60 70 80 20
RGB 111 74 47
HEX #6F4A2F

RAL 8008
Olive Brown
CMYK 50 60 70 20
RGB 111 79 40
HEX #6F4F28

RAL 8011
Nut Brown
CMYK 10 60 100 80
RGB 90 58 41
HEX #5A3A29

RAL 8012
Red Brown
CMYK 5 100 100 80
RGB 103 56 49
HEX #673831

RAL 8014
Sepia Brown
CMYK 30 60 100 80
RGB 73 57 45
HEX #49392D

RAL 8015
Chestnut Brown
CMYK 0 90 100 80
RGB 99 58 52
HEX #633A34

RAL 8016
Mahogany Brown
CMYK 40 80 80 80
RGB 76 47 38
HEX #4C2F26

RAL 8017
Chocolate Brown
CMYK 60 80 80 80
RGB 68 50 45
HEX #44322D

RAL 8019
Grey Brown
CMYK 90 90 80 80
RGB 63 58 58
HEX #3F3A3A

RAL 8022
Black Brown
CMYK   100 100 80   95
RGB   33   31   32
HEX   #211F20

RAL 8023
Orange Brown
CMYK   20   70   100 20
RGB   166 94   47
HEX   #A65E2F

RAL 8024
Beige Brown
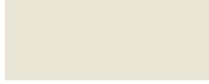CMYK   30   60   70   40
RGB   121 85   60
HEX   #79553C

RAL 8025
Pale Brown
CMYK   40   50   60   40
RGB   117 92   73
HEX   #755C49

RAL 8028
Terra Brown
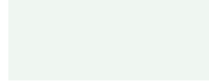CMYK   20   50   70   80
RGB   78   59   43
HEX   #4E3B2B

RAL 8029
Pearl Copper
CMYK   23   80   93   43
RGB   119 60   39
HEX   #773C27

RAL 9001
Cream
CMYK   0   0   10   5
RGB   239 235 220
HEX   #EFEBDC

RAL 9002
Grey White
CMYK   5   0   10   10
RGB   221 222 212
HEX   #DDDED4

RAL 9003
Signal White
CMYK   0   0   0   0
RGB   244 248 244
HEX   #F4F8F4

RAL 9004
Signal Black
CMYK   100 90   100 80
RGB   46   48   50
HEX   #2E3032

RAL 9005
Jet Black
CMYK   100 100 100 95
RGB   10   10   13
HEX   #0A0A0D

RAL 9006
White Aluminium
CMYK   0   0   0   40
RGB   165 168 166
HEX   #A5A8A6

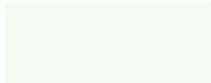**RAL 9007**
White Aluminium
CMYK   0   0   0   60
RGB   143 143 140
HEX   #8F8F8C

RAL 9010
Pure White
CMYK   0   0   5   0
RGB   247 249 239
HEX   #F7F9EF

RAL 9011
Graphite Black
CMYK   100 100 100 80
RGB   41   44   47
HEX   #292C2F

RAL 9016
Traffic White
CMYK   3   0   0   0
RGB   247 251 145
HEX   #F7FBF5

RAL 9017
Traffic Black
CMYK   100 90   100 95
RGB   42   45   47
HEX   #2A2D2F

RAL 9018
Papyrus White
CMYK   10   0   10   20
RGB   207 211 205
HEX   #CFD3CD

RAL 9022
Pearl Light Grey
CMYK   21   14   14   31
RGB   156 156 156
HEX   #9C9C9C

RAL 9023
Pearl Dark Grey
CMYK   8   6   6   57
RGB   126 129 130
HEX   #7E8182

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