

## COLOUR CORRESPONDENCE

## HEXIS SUPTAC S5000 range

## Intended for users :

In the table below, the colours of the HEXIS SUPTAC S5000 range are listed in various colour spaces.

## Definitions :

- The CIE L\*a\*b\* colour space

The L\*a\*b\* space is a colorimetric system based on the visual perception of colours, optimised to measure colour differences. The L\*a\*b\* values are useful to create a spot colour library in the RIP when you want to reproduce them. Using this method is recommended to take most advantage of the printable colour range of your printer.

- The CoatedFOGRA39 standard

The CMYK values match the primary ink quantities required to obtain the closest matching colour on an offset press, according to the CoatedFOGRA39 standard. As this colorimetric space features a limited colour range, many SUPTAC S5000 references are not reproducible in this system.

- The colorimetric spaces sRGB and ADOBE RGB (1998)

The RGB values match the level of red, green and blue light necessary for the reproduction of colours on a calibrated and standardised screen according to the sRGB or ADOBE RGB (1998) standard. The sRGB data are dedicated to the display on the internet.

The ADOBE RGB (1998) standard originates from the photography industry and the need for a RGB space dedicated to printing.

All values in this document are provided for information purposes and are non-binding by any means.

Reproducing a colour on a printing system requires to be accurately calibrated and characterised by an ICC profile adapted to this system.

The HEXIS ICC profiles, being available for free download, match your machine-media-RIP configuration and thus ensure a quality colour rendering. Each configuration requires the use of a different ICC profile.

These tools are available at the following address: <http://www.hexis-graphics.com/fr/iccs/index>

It is the responsibility of the user to check the printed colour against the reference of the colour chart in order to assess the differences in colours and their acceptability. All colours of the HEXIS SUPTAC S5000 colour chart cannot be printed on a large format plotter. Only those in the printer gamut can be printed.

HEXIS decline all liability for direct or indirect consequences of the use of these tables.

## SUPTAC S5000 colour chart characterisation table

SUPTAC S5000	Espace colorimétrique												
	L*a*b* D50 2°			Coated FOGRA39				sRGB			Adobe RGB (1998)		
Référence	L*	a*	b*	C	M	J	K	R	G	B	R	G	B
S5001B	93,35	0,12	-4,72	4	2	0	0	246	232	210	243	232	211
S5001M	93,65	-0,18	-3,88	4	2	0	0	246	232	209	243	233	210
S5005B	45,08	-22,69	-48,33	100	34	3	0	0	118	163	49	117	161
S50VIF	62,22	61,19	72,89	0	73	98	0	255	90	0	227	90	0
S5100B	92,72	-4,71	56,04	0	0	62	0	255	231	94	251	232	105
S5108B	90,47	-5,88	88,8	2	0	93	0	253	225	0	246	226	13
S5109B	85,86	6,69	101,45	0	14	100	0	255	205	0	246	204	0
S5123B	82,01	14,17	104,74	0	23	100	0	255	189	0	242	188	0
S5136B	80,35	22,65	96,6	0	31	100	0	255	178	0	246	177	0
S5137B	72,48	31,93	85,33	0	45	100	0	253	150	0	230	149	0
S5155B	89,72	2,99	32,4	0	9	42	0	254	219	135	246	219	140
S5165B	59,97	56,89	75,22	0	73	100	0	245	90	0	216	90	0
S5167B	51,15	39,41	56,31	15	71	100	5	194	88	0	172	89	19
S5169B	82,25	24,63	19,15	0	33	27	0	255	183	143	245	183	145
S5179B	51,15	65,42	60,17	0	90	100	0	226	47	0	196	51	11
S5186B	38,79	63,99	45,94	14	100	100	8	184	0	10	157	0	20
S5193B	37,04	59,62	34,16	19	100	93	12	173	0	26	148	0	32
S5200B	35,58	66,46	51,36	15	100	100	13	177	0	0	151	0	0
S5201B	29,26	48,59	27,11	26	100	96	33	137	10	23	117	19	30
S5205B	76,2	3,42	-4,19	24	22	16	1	202	182	167	196	182	168
S5214B	48,69	64,62	0,05	7	93	16	1	211	43	102	182	47	101
S5220B	44,61	65,76	8,77	11	100	35	3	201	20	81	172	27	80
S5251B	71,82	33,01	-18,45	13	47	0	0	232	150	182	213	150	181
S5268B	61,23	-58,71	-2,72	87	0	51	0	0	171	128	76	170	130
S5278B	58,89	-5,76	-27,21	62	33	10	0	122	143	164	129	143	162
S5280B	19,53	13,51	-48,53	100	87	32	17	33	41	105	41	46	103
S5281B	13,37	14,76	-40,75	100	90	35	41	30	27	80	35	33	80
S5293B	32,86	-5,13	-56,41	100	62	8	1	0	81	146	35	82	144
S5294B	22,72	1,55	-46,36	100	79	31	17	3	54	108	35	58	107
S5295B	13,12	4,32	-33,98	100	85	40	53	15	32	70	28	38	71
S5297B	64,12	-20,98	-33,87	69	10	5	0	91	165	186	118	164	185
S5298B	75,3	-21,22	-26,31	54	0	4	0	133	195	201	153	195	201
S5299B	52,51	-24,23	-48,58	93	21	0	0	0	137	182	69	136	179
S5300B	27,51	-1,71	-52,73	100	71	19	7	0	67	128	33	70	126
S5303B	17,94	-1,45	-24,94	100	83	42	45	27	44	69	39	49	70
S5320B	49,7	-48,78	-21,62	100	9	40	1	0	137	132	44	137	132
S5323B	25,23	-29,26	-14,26	100	41	51	49	0	70	69	25	72	71
S5332B	75,52	-41,18	-1,35	60	0	36	0	100	204	159	140	203	161
S5336B	25,35	-45,7	5,26	100	34	92	49	0	74	41	4	76	47
S5340B	49,12	-64,05	12,02	100	2	80	0	0	139	77	46	139	83
S5348B	38,31	-63,12	13,36	100	21	94	14	0	110	53	7	110	60
S5351B	84,88	-27,18	11,98	37	0	35	0	175	223	159	190	223	162
S5354B	53,6	-71,97	36,02	97	0	100	0	0	153	40	55	152	55

SUPTAC S5000	Espace colorimétrique												
	L*a*b* D50 2°			Coated FOGRA39				sRGB			Adobe RGB (1998)		
Référence	L*	a*	b*	C	M	J	K	R	G	B	R	G	B
S5360B	64,64	-54,2	45,25	73	0	94	0	57	177	44	110	177	61
S5364B	30,91	-34,54	23,89	96	37	100	38	4	85	21	49	86	33
S5370B	58,08	-57,38	49,19	82	0	100	0	0	161	12	91	160	41
S5375B	74,34	-47,8	59,52	58	0	96	0	115	202	24	147	202	56
S5392B	56,49	-10,37	56,74	47	28	100	12	140	137	0	139	137	23
S5428B	80,25	-0,63	-1,13	22	15	18	1	207	196	172	204	195	172
S5430B	54,29	-3,24	-3,59	52	35	36	16	129	129	116	129	129	116
S5431B	59,19	-0,38	1,17	42	33	36	13	150	140	119	146	139	120
S5433B	26,92	-0,44	0,06	67	56	56	60	66	62	52	68	65	57
S5434B	86,11	3,4	2,87	9	13	15	0	234	209	180	227	209	180
S5443B	60,47	-3,21	2,32	44	29	39	11	148	145	120	147	144	121
S5445B	41,33	-3,01	-1,36	60	44	47	33	96	96	83	97	97	85
S5446B	30,81	-2,12	-1,67	67	53	52	51	72	71	62	74	74	66
S5461B	82,55	6,1	29,47	5	19	46	0	237	197	124	227	197	128
S5468B	85,68	2,4	19,81	7	13	34	0	237	208	149	230	208	151
S5476B	18,9	11,64	16,73	51	73	82	76	67	39	17	63	43	25
S5480B	40,14	43,27	-22,68	47	88	5	0	152	58	115	134	61	113
S5485B	45,34	66,11	55,56	5	100	100	1	208	19	1	179	26	8
S5498B	26,93	-10,93	23,36	74	50	99	57	58	67	18	63	69	28
S5505B	23,17	41,68	14,97	31	100	73	50	111	9	29	96	18	34
S5506B	88,82	4,61	19,27	0	12	29	0	250	215	157	242	216	160
S5517B	84,72	-2,92	6,21	17	8	22	0	219	209	170	217	209	171
S5527B	28,19	32,04	-42,35	83	98	0	0	95	44	116	86	48	114
S5532B	8,74	0,07	-17,78	99	81	51	85	18	26	42	27	32	45
S5534B	30,42	1,94	-26,97	91	73	28	14	64	70	98	68	72	98
S5607B	91,23	-4,19	25,45	5	1	36	0	244	227	151	240	227	154
S5623B	26,11	27,78	-25,34	77	100	23	14	93	42	87	84	47	87
S5635B	42,35	19,12	35,13	30	62	96	30	140	85	28	128	86	39
S5655B	46,36	21,49	-33,43	59	66	0	0	133	95	144	124	96	142
S5685B	88,74	2,29	14,42	3	9	25	0	244	217	165	238	217	167
S5698B	86,48	10,1	12,84	0	19	22	0	250	205	163	239	205	165
S5795B	48,72	67,97	62,88	0	96	100	0	222	30	0	191	35	0
S5850B	20,11	0,16	1,37	68	61	62	74	45	40	31	49	45	38
S5871B	52,01	4,11	33,84	34	40	81	24	146	118	50	139	118	58
S5877B	54,11	-0,81	-1,73	49	37	37	17	134	128	113	132	127	113
S5889B	4,42	-0,45	-2,55	91	79	62	98	12	13	13	21	22	22
S5889M	12,04	-0,32	-1,48	87	74	61	90	32	30	27	39	38	34
S5899B	88,91	-0,51	3,27	9	7	14	0	236	220	186	231	219	186
S5899M	88,85	-0,45	4,67	9	7	16	0	236	220	183	231	219	184
S5B05B	93,64	0,14	10,19	0	3	16	0	254	232	185	249	233	187
S5BA01B	88,92	1,13	1,72	7	8	11	0	237	218	188	233	218	189
S5BPAB	86,71	0,25	7,32	10	10	20	0	232	213	173	227	213	175
S5CANB	24,53	-0,07	-0,83	69	59	56	64	59	55	48	63	60	53
S5ELEB	26,92	27,89	-70,13	99	80	0	0	56	49	154	57	52	150
S5GBEB	78,69	-0,08	13,1	19	17	34	2	210	191	144	205	190	146

SUPTAC S5000	Espace colorimétrique												
	L*a*b* D50 2°			Coated FOGRA39				sRGB			Adobe RGB (1998)		
Référence	L*	a*	b*	C	M	J	K	R	G	B	R	G	B
S5GCLB	85,57	-0,35	3,64	13	10	18	0	226	210	177	222	210	178
S5GPEB	85,55	-0,46	5,84	13	10	20	0	226	210	172	222	210	174
S5NORB	13,26	32,78	-57,88	100	93	27	24	42	11	103	41	19	102
S5RFXB	24,4	10,2	-51,44	100	82	24	7	35	54	119	45	57	117
S5VACB	76,25	-28,22	69,03	42	0	97	0	167	198	0	176	198	38
S5WRED	54,18	66,14	67,37	0	86	100	0	238	56	0	205	59	0

## SUPTAC S5000 and PANTONE/RAL colour chart correspondence table

The colorimetric correspondences below, between the SUPTAC S5000 and PANTONE/RAL colours, as well as the colour differences stated in  $\Delta E$  2000, are provided for information purposes only and are not contractual.

It is the user's responsibility to visually compare the physical colour charts in order to assess the differences in colours and their acceptability. HEXIS decline all liability for direct or indirect consequences of the use of these tables.

For each match, a coloured icon tells you if the closest HEXIS colours are: very close (●), acceptable (●) or remote (●).

SUPTAC S5000	PANTONE	$\Delta E$ 2000	=	RAL7	$\Delta E$ 2000	=
S5001B	PANTONE 649 C	3,0	●	RAL 9003	10,7	●
S5001M	PANTONE 656 C	2,8	●	RAL 9003	9,6	●
S5005B	PANTONE 7461 C	2,7	●	RAL 5015	4,3	●
S50VIF	PANTONE 165 C	2,4	●	RAL 2004	3,6	●
S5100B	PANTONE 602 C	2,0	●	RAL 1016	5,3	●
S5108B	PANTONE 106 C	2,9	●	RAL 1016	3,7	●
S5109B	PANTONE 109 C	0,6	●	RAL 1021	4,0	●
S5123B	PANTONE 7548 C	1,6	●	RAL 1021	2,7	●
S5136B	PANTONE 1235 C	3,5	●	RAL 1003	3,2	●
S5137B	PANTONE 2012 C	2,1	●	RAL 1037	2,0	●
S5155B	PANTONE 7401 C	1,2	●	RAL 1014	5,4	●
S5165B	PANTONE 1505 C	7,2	●	RAL 2009	3,8	●
S5167B	PANTONE 2020 C	2,2	●	RAL 2010	3,5	●
S5169B	PANTONE 487 C	5,1	●	RAL 3012	14,9	●
S5179B	PANTONE 485 C	3,7	●	RAL 3024	4,5	●
S5186B	PANTONE 200 C	6,3	●	RAL 3000	2,0	●
S5193B	PANTONE 704 C	3,1	●	RAL 3002	2,0	●
S5200B	PANTONE 484 C	6,5	●	RAL 3001	3,8	●
S5201B	PANTONE 1815 C	3,4	●	RAL 3003	1,0	●
S5205B	PANTONE 665 C	5,5	●	RAL 7047	9,3	●
S5214B	PANTONE 2039 C	6,5	●	RAL 4010	1,6	●
S5220B	PANTONE 214 C	2,7	●	RAL 4010	4,1	●
S5251B	PANTONE 514 C	3,5	●	RAL 3015	15,3	●
S5268B	PANTONE 3268 C	2,0	●	RAL 6027	14,5	●
S5278B	PANTONE 646 C	3,2	●	RAL 5014	10,5	●
S5280B	PANTONE 2147 C	1,6	●	RAL 5002	0,9	●
S5281B	PANTONE 2758 C	2,1	●	RAL 5022	4,7	●
S5293B	PANTONE 2945 C	2,9	●	RAL 5017	4,2	●
S5294B	PANTONE 654 C	2,5	●	RAL 5005	4,0	●
S5295B	PANTONE 655 C	0,9	●	RAL 5026	4,1	●
S5297B	PANTONE 298 C	3,8	●	RAL 5024	9,5	●
S5298B	PANTONE 297 C	1,0	●	RAL 6027	13,4	●
S5299B	PANTONE 2193 C	3,0	●	RAL 5012	6,0	●
S5300B	PANTONE 2945 C	2,8	●	RAL 5005	1,6	●
S5303B	PANTONE 2767 C	3,1	●	RAL 5003	1,0	●
S5320B	PANTONE 321 C	2,6	●	RAL 5018	6,4	●
S5323B	PANTONE 3165 C	2,1	●	RAL 6004	6,2	●

SUPTAC S5000	PANTONE	$\Delta E$ 2000	=	RAL K7	$\Delta E$ 2000	=
S5332B	PANTONE 3258 C	2,9	●	RAL 6027	8,6	●
S5336B	PANTONE 3298 C	9,6	●	RAL 6016	8,0	●
S5340B	PANTONE 340 C	2,9	●	RAL 6024	7,1	●
S5348B	PANTONE 3415 C	4,2	●	RAL 6029	3,8	●
S5351B	PANTONE 351 C	0,9	●	RAL 6019	6,9	●
S5354B	PANTONE 355 C	1,9	●	RAL 6018	10,9	●
S5360B	PANTONE 361 C	3,5	●	RAL 6018	7,3	●
S5364B	PANTONE 349 C	6,8	●	RAL 6002	3,3	●
S5370B	PANTONE 2272 C	3,4	●	RAL 6018	4,4	●
S5375B	PANTONE 7488 C	2,5	●	RAL 6018	14,7	●
S5392B	PANTONE 7746 C	5,3	●	RAL 1027	9,3	●
S5428B	PANTONE 428 C	1,6	●	RAL 7047	3,7	●
S5430B	PANTONE 430 C	2,6	●	RAL 7046	1,5	●
S5431B	PANTONE 7539 C	2,8	●	RAL 9022	1,4	●
S5433B	PANTONE 446 C	4,5	●	RAL 7043	5,8	●
S5434B	PANTONE 7604 C	2,8	●	RAL 7047	6,2	●
S5443B	PANTONE 7538 C	3,2	●	RAL 7042	4,3	●
S5445B	PANTONE 445 C	4,5	●	RAL 7012	2,0	●
S5446B	PANTONE 446 C	3,3	●	RAL 7043	3,6	●
S5461B	PANTONE 155 C	2,3	●	RAL 1001	5,2	●
S5468B	PANTONE 468 C	2,5	●	RAL 1015	1,3	●
S5476B	PANTONE 476 C	5,4	●	RAL 8016	4,2	●
S5480B	PANTONE 7656 C	1,3	●	RAL 4008	2,1	●
S5485B	PANTONE 485 C	4,5	●	RAL 2002	1,9	●
S5498B	PANTONE 5743 C	3,4	●	RAL 6003	7,9	●
S5505B	PANTONE 188 C	4,3	●	RAL 3004	2,6	●
S5506B	PANTONE 7506 C	2,4	●	RAL 1015	2,5	●
S5517B	PANTONE 420 C	7,9	●	RAL 9018	3,2	●
S5527B	PANTONE 268 C	1,6	●	RAL 5022	12,6	●
S5532B	PANTONE 289 C	3,5	●	RAL 5011	2,6	●
S5534B	PANTONE 2140 C	3,9	●	RAL 5000	3,5	●
S5607B	PANTONE 5875 C	5,9	●	RAL 1015	7,5	●
S5623B	PANTONE 7665 C	3,0	●	RAL 4008	12,5	●
S5635B	PANTONE 464 C	1,4	●	RAL 80003	4,0	●
S5655B	PANTONE 2095 C	2,8	●	RAL 4005	4,6	●
S5685B	PANTONE 7506 C	5,1	●	RAL 1013	2,7	●
S5698B	PANTONE 489 C	4,5	●	RAL 9001	9,7	●
S5795B	PANTONE 485 C	3,8	●	RAL 2002	4,7	●
S5850B	PANTONE Black C	3,0	●	RAL 7021	4,8	●
S5871B	PANTONE 4495 C	2,6	●	RAL 8000	6,1	●
S5877B	PANTONE 430 C	5,0	●	RAL 7046	2,5	●
S5889B	PANTONE Black 6 C	5,6	●	RAL 9004	1,8	●
S5889M	PANTONE 426 C	2,7	●	RAL 9011	0,7	●

SUPTAC S5000	PANTONE	$\Delta E$ 2000	=	RAL K7	$\Delta E$ 2000	=
S5899B	PANTONE Cool Gray 1 C	3,3	●	RAL 9003	3,3	●
S5899M	PANTONE Cool Gray 1 C	4,8	●	RAL 9002	2,8	●
S5B05B	PANTONE 7527 C	6,4	●	RAL 1013	3,3	●
S5BA01B	PANTONE 2330 C	4,3	●	RAL 9003	4,3	●
S5BPAB	PANTONE 7527 C	1,6	●	RAL 9002	1,6	●
S5CANB	PANTONE 7540 C	7,7	●	RAL 7021	4,4	●
S5ELEB	PANTONE Dark Blue C	4,6	●	RAL 5002	7,7	●
S5GBEB	PANTONE 7534 C	4,9	●	RAL 7044	5,8	●
S5GCLB	PANTONE 7527 C	4,2	●	RAL 9002	3,7	●
S5GPEB	PANTONE 7527 C	1,9	●	RAL 9002	1,5	●
S5NORB	PANTONE 2745 C	3,2	●	RAL 5022	9,2	●
S5RFXB	PANTONE 2146 C	1,2	●	RAL 5002	5,2	●
S5VACB	PANTONE 2299 C	2,5	●	RAL 1016	14,3	●
S5WRED	PANTONE 2028 C	1,1	●	RAL 2009	5,2	●