

Converting Colors

HunterLab(64.9519, 0.7957,
-40.8432)

Have a look what the booklet for
HunterLab(64.9519, 0.7957,
-40.8432) contains.

HunterLab(65.0713, 0.7583, -40.8069)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(65.0713, 0.7583,
-40.8069)**

Conversions

Conversions Part 1

Format	Color
Hex	84AFF8
RGB	132, 175, 248
RGB Percent	52%, 69%, 97%
CMY	0.4823, 0.3137, 0.0274
CMYK	0.47, 0.29, 0.00, 0.03
HSL	218°, 89%, 75%
HSV	218°, 47%, 97%
XYZ	41.7889, 42.3427, 94.7774
YIQ	170.4650, -49.0610, 13.5870

Conversions

Conversions Part 2

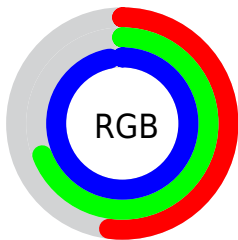
Format	Color
R_{YB}	132, 163, 248
Decimal	8695800
CIE _{Lab}	71.11, 4.74, -40.78
CIE _{LCh}	71, 41.051, 276.630
Yxy	42.3443, 0.2336, 0.2367
Android (android.graphics.Color)	4286885880 (0xFF84AFF8)
YUV	170.4650, 38.2248, -33.7338
Hunter-Lab	65.0713, 0.7583, -40.8069

Details

The HunterLab color $65.0713, 0.7583, -40.8069$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $80.8004, 1.5513, 33.7963$, and the grayscale version is $63.4568, -3.3859, 3.4477$.

A 20% lighter version of the original color is $86.4643, -11.7938, -11.8016$, and $44.0265, 1.2475, -39.2278$ is the 20% darker color. If you saturate the color by 10%, you get $59.0325, 4.0296, -52.7489$, and if you desaturate by 10%, it is $71.4265, -1.6526, -29.7341$.

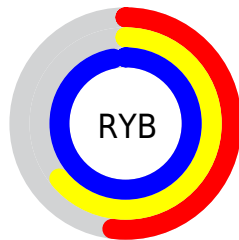
Distribution



Red (52%)

Green (69%)

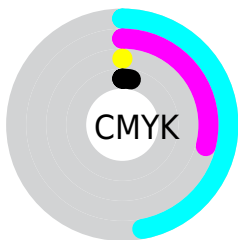
Blue (97%)



Red (52%)

Yellow (64%)

Blue (97%)

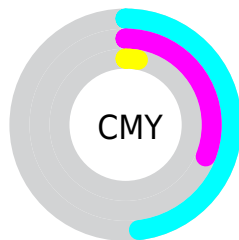


Cyan (47%)

Magenta (29%)

Yellow (0%)

Black (3%)



Cyan (48%)

Magenta (31%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.0713, 0.7583, -40.8069 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 65.0713, 0.7583, -40.8069 by changing the saturation by 10% instead.

■ 65.0713, 0.7583,
-40.8069

■ 65.0713, 0.7583,
-40.8069

■ 188.6553, -4.0777,
-45.3259

■ 54.1950, 1.0953,
-40.1264

■ 88.7245, -0.0551,
-42.1070

■ 44.0019, 1.3799,
-39.4653

■ 101.4357, -0.5245,
-42.7039

■ 34.5425, 1.6058,
-38.8821

■ 114.7019, -1.0322,
-43.2569

■ 25.8792, 1.7646,
-38.5008

■ 128.5007, -1.5759,
-43.7640

■ 18.0929, 1.8441,
-38.6053

■ 142.8124, -2.1539,
-44.2241

■ 11.2967, 1.8248,
-39.9692

■ 157.6191, -2.7644,

■ 3.5018, 5.7107,

-44.6374

-77.5165

172.9050, -3.4061,
-45.0044

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 65.0713, 0.7583,
-40.8069

■ 65.0713, 0.7583,
-40.8069

■ 59.0325, 4.0296,
-52.7489

■ 71.4265, -1.6526,
-29.7341

■ 53.3590, 8.3165,
-65.6537

■ 78.0523, -3.3429,
-19.4231

■ 48.1152, 13.7689,
-79.5439

■ 84.9155, -4.4318,
-9.7607

■ 43.3739, 20.4867,
-94.3105

■ 91.9885, -5.0175,
-0.6448

■ 39.2075, 28.4288,

■ 99.1525, -5.5154,

-109.6388

7.8966

■ 37.9729, 31.1552,
-114.7180

■ 99.7784, -6.5509,
8.5973

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.0725, -17.2256, -36.6766



65.0713, 0.7583, -40.8069



65.0725, 19.5699, -30.6090

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.0725, 0.7583, -40.8054



65.0725, 28.2087, 20.9251



65.0725, -33.4919, 15.7782

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.0713, 0.7583, -40.8069



80.8004, 1.5513, 33.7963

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.0725, -23.7023, 25.5657



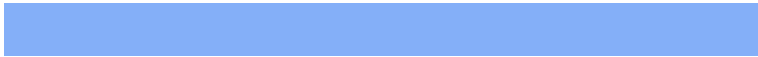
65.0713, 0.7583, -40.8069



65.0725, 11.5204, 27.8927

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.0725, 0.7583, -40.8054



65.0725, 36.5416, 7.3950



65.0725, -7.6039, 29.3095



65.0725, -35.6801, -0.5619

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.0713, 0.7583, -40.8069



65.0725, 29.6113, -18.3968



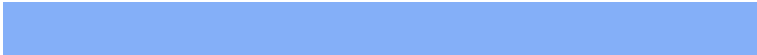
65.0725, -7.6039, 29.3095



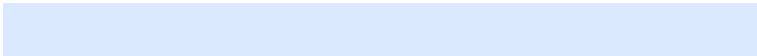
65.0725, -31.0399, 19.7836

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.0725, 0.7583, -40.8054



89.6329, -4.7886, -7.4332



87.3949, -42.7964, 14.5452



40.7453, -2.1390, -4.3968

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.0725, 0.7583, -40.8054



61.3484, 3.8944, -53.5626



54.1757, 26.9944, -63.3361



42.0676, -2.2906, -1.4398



28.3459, 21.8030, -82.4963



9.6926, 4.1777, -21.1334

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62.8934, 45.1877, 1.3107



59.6775, 56.6638, 2.3355



92.9372, -24.7018, 42.9074



41.6313, 2.2247, 1.6856



33.4993, 58.6866, 11.4295



10.2911, 18.2128, 2.0846

Previews

White Background



This preview shows how the HunterLab color 65.0713, 0.7583, -40.8069 looks on a white background.

Color Contrast Check

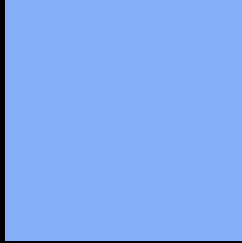
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 65.0713, 0.7583, -40.8069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

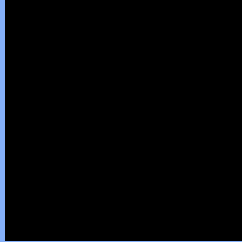
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 65.0713, 0.7583, -40.8069 Background



This preview shows how black text looks on a background with the HunterLab color 65.0713, 0.7583, -40.8069.



This preview shows how white text looks on a background with the HunterLab color 65.0713, 0.7583, -40.8069.

-40.8069.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.0713, 0.7583, -40.8069

Protanopia

65.0367, 6.4183, -38.5654

Deuteranopia

65.0879, 5.4706, -41.4365



Tritanopia

65.0047, -17.8679, -9.5400

Trichromacy



Original Color

65.0713, 0.7583, -40.8069

Protanomaly

64.8754, 4.4732, -39.6281

Deuteranomaly

65.0401, 3.8010, -41.5552

Tritanomaly

65.0142, -11.5945, -20.0074

Monochromacy



Original Color

65.0713, 0.7583, -40.8069

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.7575, -3.3519, -10.4541

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.0713, 0.7583, -40.8069 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(132, 175, 248)` looks like.

```
.text, #text, p{  
    color:rgb(132, 175, 248)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(132, 175, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 175, 248) }
```

Border

The CSS property to change the border of an element to HunterLab 65.0713, 0.7583, -40.8069 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(132, 175, 248) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(132, 175, 248) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(132, 175, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 175, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 175, 248);  
box-shadow:4px 4px 4px 4px rgb(132, 175,  
248) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.0713, 0.7583, -40.8069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 175, 248) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(132,  
175, 248) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor