

Converting Colors

HunterLab(64.5191, -4.8421,
-42.1979)

Have a look what the booklet for
HunterLab(64.5191, -4.8421,
-42.1979) contains.

HunterLab(64.3994, -4.6774, -42.1604)	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(64.3994, -4.6774,
-42.1604)**

Conversions

Conversions Part 1

Format	Color
Hex	6DB1F8
RGB	109, 177, 248
RGB Percent	43%, 69%, 97%
CMY	0.5725, 0.3059, 0.0274
CMYK	0.56, 0.29, 0.00, 0.03
HSL	211°, 91%, 70%
HSV	211°, 56%, 97%
XYZ	38.9721, 41.4728, 94.7580
YIQ	164.7620, -63.3190, 7.6650

Conversions

Conversions Part 2

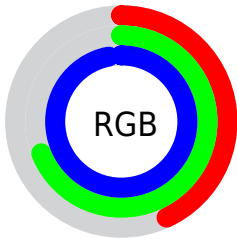
Format	Color
R _Y B	109, 155, 248
Decimal	7188984
CIE Lab	70.51, -1.41, -41.80
CIE LCh	71, 41.823, 268.064
Yxy	41.4743, 0.2224, 0.2367
Android (android.graphics.Color)	4285379064 (0xFF6DB1F8)
YUV	164.7620, 41.0363, -48.9033
Hunter-Lab	64.3994, -4.6774, -42.1604

Details

The HunterLab color **64.3994, -4.6774, -42.1604** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **73.2841, 12.5251, 33.6698**, and the grayscale version is **61.0992, -3.2601, 3.3196**.

A 20% lighter version of the original color is **85.6553, -18.0486, -13.0224**, and **43.4744, -3.6033, -40.4959** is the 20% darker color. If you saturate the color by 10%, you get **59.4496, -2.0899, -51.9734**, and if you desaturate by 10%, it is **69.6521, -6.3467, -32.7877**.

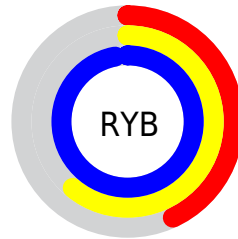
Distribution



Red (43%)

Green (69%)

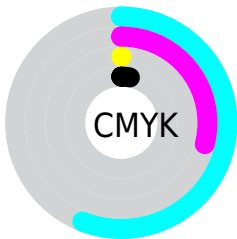
Blue (97%)



Red (43%)

Yellow (61%)

Blue (97%)

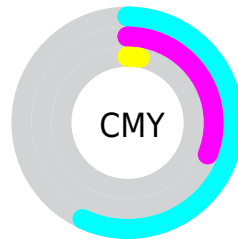


Cyan (56%)

Magenta (29%)

Yellow (0%)

Black (3%)



Cyan (57%)

Magenta (31%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3994, -4.6774, -42.1604 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 64.3994, -4.6774, -42.1604 by changing the saturation by 10% instead.

■ 64.3994, -4.6774,
-42.1604

■ 64.3994, -4.6774,
-42.1604

187.6963,
-11.7961, -46.8834

■ 53.5629, -4.0240,
-41.4723

■ 87.9792, -6.0731,
-43.4935

■ 43.4124, -3.4025,
-40.8143

■ 100.6563, -6.8137,
-44.1116

■ 33.9990, -2.8141,
-40.2529

■ 113.8897, -7.5813,
-44.6878

■ 25.3857, -2.2603,
-39.9282

127.6572, -8.3750,
-45.2191

■ 17.6554, -1.7427,
-40.1626

141.9385, -9.1940,
-45.7043

■ 10.9233, -1.2626,
-41.8452

156.7160,

■ 2.3690, -2.7257,

-10.0377, -46.1431

-116.4801

171.9735,
-10.9053, -46.5359

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.3994, -4.6774,
-42.1604

■ 64.3994, -4.6774,
-42.1604

■ 59.4496, -2.0899,
-51.9734

■ 69.6521, -6.3467,
-32.7877

■ 54.8343, 1.5202,
-62.2088

■ 75.1720, -7.2103,
-23.8505

■ 50.5892, 6.2271,
-72.7999

■ 80.9313, -7.3744,
-15.3199

■ 46.7409, 12.0323,
-83.6391

■ 86.9052, -6.9345,
-7.1589

■ 45.3105, 14.5450,

■ 93.0721, -5.9733,

-88.0327

0.6725

99.1435, -5.5005,
7.8865

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.



64.4005, -21.7565, -33.7975



64.3994, -4.6774, -42.1604



64.4005, 14.7854, -35.6224

Triad

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



64.4005, -4.6772, -42.1590



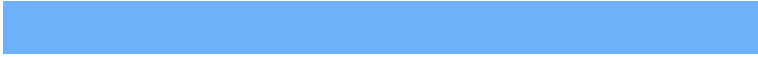
64.4005, 32.3197, 17.8839



64.4005, -31.7644, 19.3973

Complementary

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



64.3994, -4.6774, -42.1604



73.2841, 12.5251, 33.6698

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.



64.4005, -19.8394, 27.3606



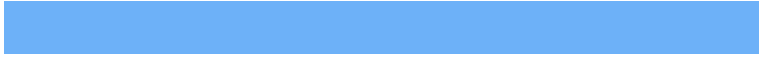
64.3994, -4.6774, -42.1604



64.4005, 17.1849, 26.6829

Square

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



64.4005, -4.6772, -42.1590



64.4005, 37.5774, 2.3126



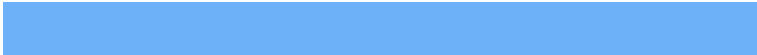
64.4005, -2.1928, 29.5786



64.4005, -36.2188, 4.6760

Rectangle

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



64.3994, -4.6774, -42.1604



64.4005, 26.2549, -24.5212



64.4005, -2.1928, 29.5786



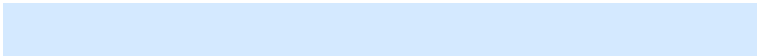
64.4005, -28.5705, 22.7721

Sweetspot

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



64.4005, -4.6772, -42.1590



89.0852, -7.2269, -8.1981



85.8031, -50.3783, 22.7013



40.6351, -3.4019, -4.5668

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4005, -4.6772, -42.1590



60.8418, -1.8162, -54.7362



45.7906, 31.8236, -86.2160



42.4794, -2.9712, -0.9331



33.7187, 9.8486, -63.4057



11.2452, 1.1221, -16.4777

Inverse Universe

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



58.3694, 57.2338, -5.2835



55.1734, 69.9479, -4.4458



93.9129, -21.7190, 48.3532



41.6734, 2.4512, 1.0847



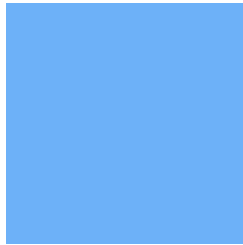
33.9980, 60.5114, 4.2264



10.4493, 18.7888, -0.1785

Previews

White Background



This preview shows how the HunterLab color 64.3994, -4.6774, -42.1604 looks on a white background.

Color Contrast Check

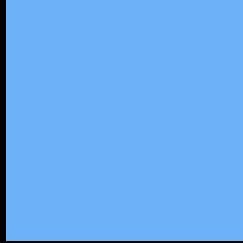
Large Text (above 18pt) WCAG AA × Fail

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 64.3994, -4.6774, -42.1604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

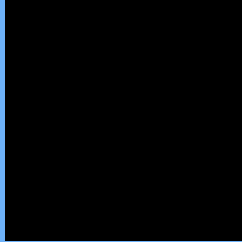
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

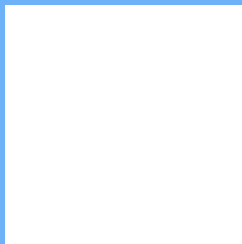
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.3994, -4.6774, -42.1604 Background



This preview shows how black text looks on a background with the HunterLab color 64.3994, -4.6774, -42.1604.



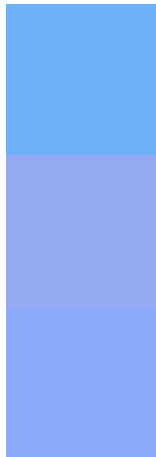
This preview shows how white text looks on a background with the HunterLab color 64.3994, -4.6774, -42.1604.

-42.1604.

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

64.3994, -4.6774, -42.1604

Protanopia

64.1688, 6.2324, -37.9679

Deuteranopia

64.2083, 5.6340, -43.8512



Tritanopia

64.4663, -23.0599, -11.5013

Trichromacy



Original Color

64.3994, -4.6774, -42.1604

Protanomaly

64.1132, 1.7098, -39.6130

Deuteranomaly

64.3380, 1.4248, -42.9209

Tritanomaly

64.4404, -16.8582, -21.6156

Monochromacy



Original Color

64.3994, -4.6774, -42.1604

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

61.9159, -5.3876, -11.3821

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3994, -4.6774, -42.1604 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(109, 177, 248)` looks like.

```
.text, #text, p{  
    color:rgb(109, 177, 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(109, 177, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 177, 248) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3994, -4.6774, -42.1604 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(109, 177, 248) }
```


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

```
.border{ border-color:rgb(109, 177, 248) }
```

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

Here you see how a box with a 4 pixel rgb(109, 177, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 177, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 177, 248);  
box-shadow:4px 4px 4px 4px rgb(109, 177,  
248) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3994, -4.6774, -42.1604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 177, 248) }
```

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

```
.background{ background-color: rgb(109,  
177, 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](#).

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