

Converting Colors

HunterLab(64.7804, -6.4762,
-50.7508)

Have a look what the booklet for
HunterLab(64.7804, -6.4762,
-50.7508) contains.

HunterLab(64.6122, -8.0154, -47.1414)	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(64.6122, -8.0154,
-47.1414)**

Conversions

Conversions Part 1

Format	Color
Hex	54B4FF
RGB	84, 180, 255
RGB Percent	33%, 71%, 100%
CMY	0.6705, 0.2941, 0.0000
CMYK	0.67, 0.29, 0.00, 0.00
HSL	206°, 100%, 66%
HSV	206°, 67%, 100%
XYZ	38.0274, 41.7474, 100.6616
YIQ	159.8460, -81.2910, 2.9730

Conversions

Conversions Part 2

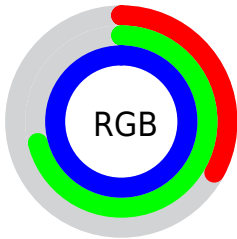
Format	Color
R _Y B	84, 145, 255
Decimal	5551359
CIE _{Lab}	70.70, -5.26, -45.36
CIE _{LCh}	71, 45.660, 263.385
Y _{xy}	41.7487, 0.2108, 0.2314
Android (android.graphics.Color)	4283741439 (0xFF54B4FF)
YUV	159.8460, 46.9109, -66.5169
Hunter-Lab	64.6122, -8.0154, -47.1414

Details

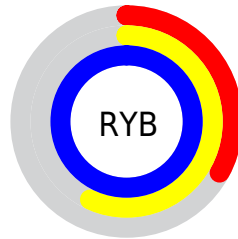
The HunterLab color **64.6122, -8.0154, -47.1414** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **68.3369, 24.7011, 35.2624**, and the grayscale version is **59.0672, -3.1517, 3.2092**.

A 20% lighter version of the original color is **85.7907, -24.3798, -12.9464**, and **44.1764, -4.9323, -44.5692** is the 20% darker color. If you saturate the color by 10%, you get **60.3681, -5.1736, -55.8102**, and if you desaturate by 10%, it is **69.1714, -9.8511, -38.6421**.

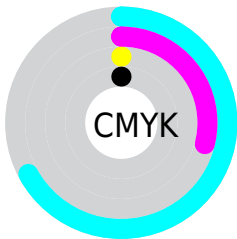
Distribution



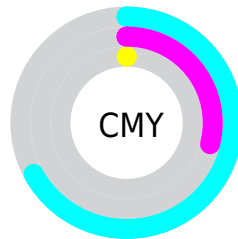
- Red (33%)
- Green (71%)
- Blue (100%)



- Red (33%)
- Yellow (57%)
- Blue (100%)



- Cyan (67%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6122, -8.0154, -47.1414 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 64.6122, -8.0154, -47.1414 by changing the saturation by 10% instead.

■ 64.6122, -8.0154,
-47.1414

■ 64.6122, -8.0154,
-47.1414

188.0001,
-16.6042, -52.4439

■ 53.7630, -7.1565,
-46.4363

■ 88.2152, -9.7884,
-48.5596

■ 43.5989, -6.3149,
-45.7928

■ 100.9031,
-10.7039, -49.2364

■ 34.1709, -5.4885,
-45.2958

■ 114.1469,
-11.6388, -49.8776

■ 25.5418, -4.6735,
-45.1223

■ 127.9243,
-12.5933, -50.4785

■ 17.7936, -3.8630,
-45.6746

142.2153,
-13.5673, -51.0363

■ 11.0412, -3.0428,
-48.0503

157.0021,

■ 2.7785, -4.8623,

-14.5605, -51.5500

-116.4357

172.2685,
-15.5729, -52.0191

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.6122, -8.0154,
-47.1414

■ 64.6122, -8.0154,
-47.1414

■ 60.3681, -5.1736,
-55.8102

■ 69.1714, -9.8511,
-38.6421

■ 56.4555, -1.2818,
-64.5925

■ 74.0184, -10.7602,
-30.3609

■ 52.8818, 3.6309,
-73.4232

■ 79.1296, -10.8356,
-22.3178

■ 51.8762, 5.2026,
-76.0716

■ 84.4811, -10.1712,
-14.5182

■ 90.0511, -8.8561,

-6.9560

■ 95.8200, -6.9705,
0.3820

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



64.6133, -25.7132, -35.3014



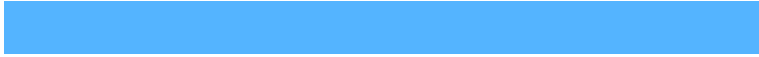
64.6122, -8.0154, -47.1414



64.6133, 13.2835, -42.3236

Triad

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



64.6133, -8.0152, -47.1393



64.6133, 37.7216, 16.9235



64.6133, -32.6442, 22.4142

Complementary

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



64.6122, -8.0154, -47.1414



68.3369, 24.7011, 35.2624

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.



64.6133, -18.6388, 29.6843



64.6122, -8.0154, -47.1414



64.6133, 22.3042, 27.2906

Square

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



64.6133, -8.0152, -47.1393



64.6133, 41.5044, -1.0431



64.6133, 1.2434, 31.1312



64.6133, -38.7174, 7.7674

Rectangle

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



64.6122, -8.0154, -47.1414



64.6133, 26.5314, -30.8861



64.6133, 1.2434, 31.1312



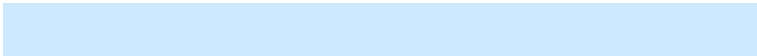
64.6133, -28.8005, 25.5862

Sweetspot

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



64.6133, -8.0152, -47.1393



88.3892, -9.3061, -9.1593



87.1077, -59.0002, 30.5924



40.1667, -4.4820, -5.2189

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6133, -8.0152, -47.1393



59.1806, -4.1371, -58.3883



41.6698, 37.7523, -108.2754



43.6689, -3.4611, -0.6457



37.9005, 3.0360, -53.9262



12.7135, -0.5871, -14.6233

Inverse Universe

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



55.5856, 71.7967, -10.5504



51.3453, 81.4073, -8.3306



92.9309, -18.4336, 51.5883



42.6121, 2.6583, 0.7268



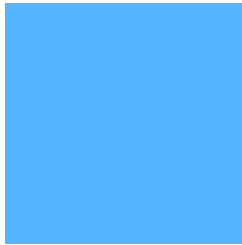
34.8971, 62.8263, -1.2015



10.9896, 19.9673, -1.7924

Previews

White Background



This preview shows how the HunterLab color 64.6122, -8.0154, -47.1414 looks on a white background.

Color Contrast Check

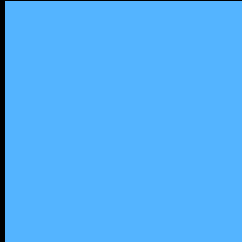
Large Text (above 18pt) WCAG AA × Fail

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 64.6122, -8.0154, -47.1414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

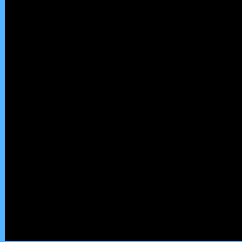
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

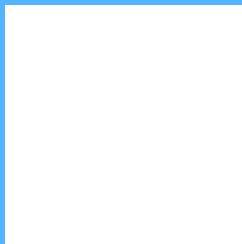
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.6122, -8.0154, -47.1414 Background



This preview shows how black text looks on a background with the HunterLab color 64.6122, -8.0154, -47.1414.



This preview shows how white text looks on a background with the HunterLab color 64.6122, -8.0154, -47.1414.

-47.1414.

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

64.6122, -8.0154, -47.1414

Protanopia

64.2128, 6.7573, -40.8187

Deuteranopia

64.3538, 5.1101, -47.4193



Tritanopia

64.8009, -28.2817, -13.4108

Trichromacy



Original Color

64.6122, -8.0154, -47.1414

Protanomaly

64.0404, 0.4098, -43.5059

Deuteranomaly

64.1912, -0.0241, -47.8302

Tritanomaly

64.4481, -21.4056, -24.8868

Monochromacy



Original Color

64.6122, -8.0154, -47.1414

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

60.4012, -7.6333, -13.5946

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6122, -8.0154, -47.1414 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(84, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(84, 180, 255)  
}
```

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(84, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 180, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6122, -8.0154, -47.1414 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(84, 180, 255) }
```


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

```
.border{ border-color:rgb(84, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(84, 180,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6122, -8.0154, -47.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 180, 255) }
```

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

```
.background{ background-color: rgb(84, 180,  
255) }
```

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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