

Converting Colors

HunterLab(50.4526, 12.5827,
-67.6456)

Have a look what the booklet for
HunterLab(50.4526, 12.5827,
-67.6456) contains.

HunterLab(50.4849, 12.3577, -67.3308)	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(50.4849, 12.3577,
-67.3308)**

Conversions

Conversions Part 1

Format	Color
Hex	5786F2
RGB	87, 134, 242
RGB Percent	34%, 53%, 95%
CMY	0.6588, 0.4745, 0.0510
CMYK	0.64, 0.45, 0.00, 0.05
HSL	222°, 86%, 65%
HSV	222°, 64%, 95%
XYZ	28.4826, 25.4873, 87.4228
YIQ	132.2590, -62.6800, 23.6240

Conversions

Conversions Part 2

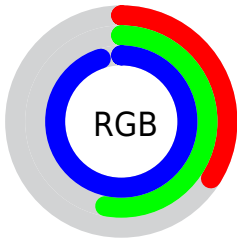
Format	Color
R _Y B	87, 123, 242
Decimal	5736178
CIE Lab	57.55, 17.58, -59.08
CIE LCh	58, 61.642, 286.571
Yxy	25.4880, 0.2014, 0.1803
Android (android.graphics.Color)	4283926258 (0xFF5786F2)
YUV	132.2590, 54.1023, -39.6921
Hunter-Lab	50.4849, 12.3577, -67.3308

Details

The HunterLab color **50.4849, 12.3577, -67.3308** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **76.5504, 0.9450, 40.2013**, and the grayscale version is **47.9499, -2.5585, 2.6052**.

A 20% lighter version of the original color is **70.1746, 0.3025, -36.6869**, and **31.6224, 12.4283, -66.3544** is the 20% darker color. If you saturate the color by 10%, you get **44.9624, 18.3511, -82.7469**, and if you desaturate by 10%, it is **56.4742, 7.5405, -53.2623**.

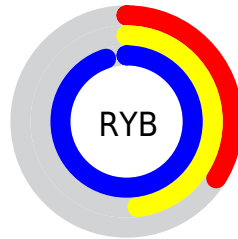
Distribution



Red (34%)

Green (53%)

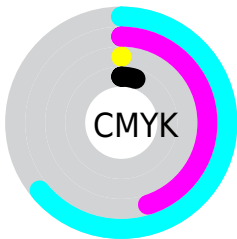
Blue (95%)



Red (34%)

Yellow (48%)

Blue (95%)

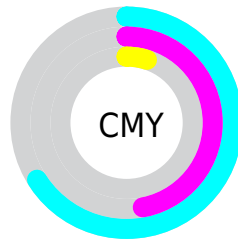


Cyan (64%)

Magenta (45%)

Yellow (0%)

Black (5%)



Cyan (66%)

Magenta (47%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.4849, 12.3577, -67.3308 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 50.4849, 12.3577, -67.3308 by changing the saturation by 10% instead.

■ 50.4849, 12.3577,
-67.3308

■ 50.4849, 12.3577,
-67.3308

167.4096, 12.8428,
-74.0482

■ 40.5476, 11.9488,
-67.0773

■ 72.4209, 12.9142,
-68.5538

■ 31.3636, 11.4338,
-67.3456

■ 84.3383, 13.0787,
-69.3249

■ 23.0019, 10.7958,
-68.6214

■ 96.8460, 13.1772,
-70.1333

■ 15.5529, 10.0111,
-72.0486

■ 109.9173, 13.2151,
-70.9515

■ 9.1411, 9.0750,
-81.0389

123.5289, 13.1970,
-71.7617

0.0000, INF, -NF

0.0000, NaN, -NF

137.6601, 13.1268,

-72.5525

0.0000, NaN, -NF

152.2926, 13.0078,
-73.3163

0.0000, NaN, -NF

■ 50.4849, 12.3577,
-67.3308

■ 50.4849, 12.3577,
-67.3308

■ 44.9624, 18.3511,
-82.7469

■ 56.4742, 7.5405,
-53.2623

■ 40.0024, 25.6338,
-99.4110

■ 62.8492, 3.7242,
-40.4551

■ 35.7175, 34.1449,
-116.8392

■ 69.5490, 0.7374,
-28.7449

■ 33.5038, 39.5813,
-127.3214

■ 76.5259, -1.5699,
-17.9571

■ 83.7428, -3.3211,
-7.9319

■ 91.1704, -4.6155,
1.4677

■ 98.6495, -6.0051,
10.1938

■ 99.5946, -7.5612,
11.2281

Harmonies

Analogous

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



50.4857, -13.7840, -68.7860



50.4849, 12.3577, -67.3308



50.4857, 38.9543, -42.0618

Triad

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



50.4857, 12.3586, -67.3294



50.4857, 36.4476, 26.5139



50.4857, -42.6830, 12.5870

Complementary

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



50.4849, 12.3577, -67.3308



76.5504, 0.9450, 40.2013

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.



50.4857, -34.0994, 25.7198



50.4849, 12.3577, -67.3308



50.4857, 9.4389, 30.5648

Square

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



50.4857, 12.3586, -67.3294



50.4857, 54.6722, 14.5114



50.4857, -16.1710, 30.3749



50.4857, -42.2152, -12.7740

Rectangle

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



50.4849, 12.3577, -67.3308



50.4857, 51.8145, -20.0382



50.4857, -16.1710, 30.3749



50.4857, -40.8487, 18.2290

Sweetspot

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



50.4857, 12.3586, -67.3294



85.0060, -2.6605, -13.6533



83.2935, -48.6838, 14.5933



38.3158, -0.9745, -7.7419

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.4857, 12.3586, -67.3294



45.9770, 21.7740, -93.2900



41.1124, 43.3795, -95.0545



40.0127, -1.8210, -1.6358



24.9800, 27.7983, -91.2315



8.2927, 5.2230, -21.6401

Inverse Universe

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



52.3607, 59.4925, 7.7664



50.6600, 73.6609, 12.3804



88.5589, -31.8573, 47.9739



39.7967, 1.9864, 1.9368



32.2851, 56.1635, 14.0847



9.4029, 16.5334, 2.7372

Previews

White Background



This preview shows how the HunterLab color 50.4849, 12.3577, -67.3308 looks on a white background.

Color Contrast Check

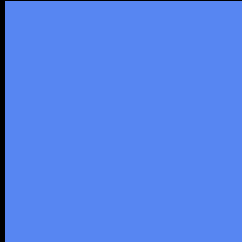
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.4849, 12.3577, -67.3308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

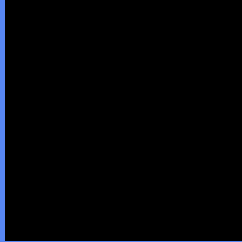
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 50.4849, 12.3577, -67.3308 Background



This preview shows how black text looks on a background with the HunterLab color 50.4849, 12.3577, -67.3308.



This preview shows how white text looks on a background with the HunterLab color 50.4849, 12.3577, -67.3308.

-67.3308.

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

50.4849, 12.3577, -67.3308

Protanopia

50.5329, 12.5102, -67.2049

Deuteranopia

50.4918, 5.0584, -66.5186



Tritanopia

50.6251, -22.0109, -10.3237

Trichromacy



Original Color

50.4849, 12.3577, -67.3308

Protanomaly

50.5329, 12.5102, -67.2049

Deuteranomaly

50.2981, 7.3456, -66.9744

Tritanomaly

49.9561, -11.0125, -28.5969

Monochromacy



Original Color

50.4849, 12.3577, -67.3308

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.4424, 0.1101, -17.9177

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.4849, 12.3577, -67.3308 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(87, 134, 242)` looks like.

```
.text, #text, p{  
    color:rgb(87, 134, 242)  
}
```

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(87, 134, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 134, 242) }
```

Border

The CSS property to change the border of an element to HunterLab 50.4849, 12.3577, -67.3308 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(87, 134, 242) }
```


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

```
.border{ border-color:rgb(87, 134, 242) }
```

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

Here you see how a box with a 4 pixel rgb(87, 134, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 134, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 134, 242);  
box-shadow:4px 4px 4px 4px rgb(87, 134,  
242) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.4849, 12.3577, -67.3308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 134, 242) }
```

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

```
.background{ background-color: rgb(87, 134,  
242) }
```

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