

Converting Colors

HunterLab(50.4944, 18.5920,
-69.8059)

Have a look what the booklet for
HunterLab(50.4944, 18.5920,
-69.8059) contains.

HunterLab(50.5580, 18.4646, -69.8294)	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(50.5580, 18.4646,
-69.8294)**

Conversions

Conversions Part 1

Format	Color
Hex	6982F5
RGB	105, 130, 245
RGB Percent	41%, 51%, 96%
CMY	0.5882, 0.4902, 0.0392
CMYK	0.57, 0.47, 0.00, 0.04
HSL	229°, 88%, 69%
HSV	229°, 57%, 96%
XYZ	30.2898, 25.5611, 89.7236
YIQ	135.6350, -51.8150, 30.4650

Conversions

Conversions Part 2

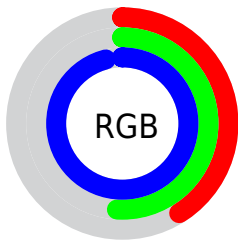
Format	Color
R _Y B	105, 126, 245
Decimal	6914805
CIE Lab	57.62, 24.21, -60.58
CIE LCh	58, 65.234, 291.782
Yxy	25.5619, 0.2081, 0.1756
Android (android.graphics.Color)	4285104885 (0xFF6982F5)
YUV	135.6350, 53.9169, -26.8669
Hunter-Lab	50.5580, 18.4646, -69.8294

Details

The HunterLab color **50.5580, 18.4646, -69.8294** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **84.6301, -9.3155, 42.6213**, and the grayscale version is **49.2827, -2.6296, 2.6776**.

A 20% lighter version of the original color is **70.0616, 6.0553, -36.7846**, and **31.3672, 17.0755, -70.3022** is the 20% darker color. If you saturate the color by 10%, you get **44.0968, 25.6287, -88.5299**, and if you desaturate by 10%, it is **57.5785, 12.5117, -53.2559**.

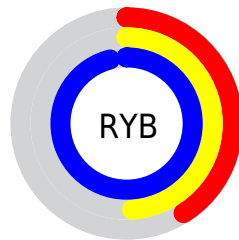
Distribution



Red (41%)

Green (51%)

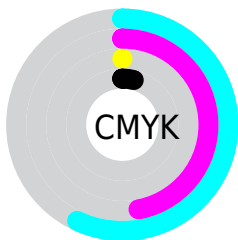
Blue (96%)



Red (41%)

Yellow (49%)

Blue (96%)

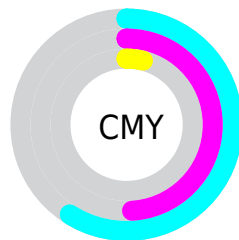


Cyan (57%)

Magenta (47%)

Yellow (0%)

Black (4%)



Cyan (59%)

Magenta (49%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.5580, 18.4646, -69.8294 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 50.5580, 18.4646, -69.8294 by changing the saturation by 10% instead.

■ 50.5580, 18.4646,
-69.8294

■ 50.5580, 18.4646,
-69.8294

167.5186, 21.3336,
-76.5779

■ 40.6155, 17.7373,
-69.6370

■ 72.5034, 19.6187,
-71.0012

■ 31.4260, 16.8903,
-70.0101

■ 84.4251, 20.0648,
-71.7674

■ 23.0582, 15.9075,
-71.4674

■ 96.9368, 20.4346,
-72.5795

■ 15.6023, 14.7715,
-75.2283

110.0120, 20.7347,
-73.4073

■ 9.1840, 13.4994,
-84.9040

123.6274, 20.9703,
-74.2317

0.0000, INF, -NF

0.0000, NaN, -NF

137.7623, 21.1461,

-75.0400

0.0000, NaN, -NF

152.3982, 21.2661,
-75.8240

0.0000, NaN, -NF

■ 50.5580, 18.4646,
-69.8294

■ 50.5580, 18.4646,
-69.8294

■ 44.0968, 25.6287,
-88.5299

■ 57.5785, 12.5117,
-53.2559

■ 38.3454, 34.1331,
-109.3461

■ 65.0444, 7.5560,
-38.5319

■ 33.5041, 43.8128,
-131.4611

■ 72.8759, 3.3955,
-25.3168

■ 29.7932, 53.8392,
-152.6135

■ 81.0142, -0.1377,
-13.3037

■ 28.9393, 56.5123,
-158.1654

■ 89.4156, -3.1756,
-2.2398

98.0469, -5.8195,
8.0751

99.6858, -7.0597,
9.9222

Harmonies

Analogous

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



50.5588, -10.0421, -76.6847



50.5580, 18.4646, -69.8294



50.5588, 45.9362, -39.3286

Triad

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



50.5588, 18.4654, -69.8279



50.5588, 34.3660, 28.4735



50.5588, -45.1278, 9.4298

Complementary

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



50.5580, 18.4646, -69.8294



84.6301, -9.3155, 42.6213

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.



50.5588, -37.9113, 25.0353



50.5580, 18.4646, -69.8294



50.5588, 5.0857, 31.5196

Square

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



50.5588, 18.4654, -69.8279



50.5588, 56.3981, 18.0909



50.5588, -20.8713, 30.7285



50.5588, -43.0436, -19.7093

Rectangle

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



50.5580, 18.4646, -69.8294



50.5588, 57.9998, -15.6440



50.5588, -20.8713, 30.7285



50.5588, -43.7762, 16.0924

Sweetspot

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



50.5588, 18.4654, -69.8279



84.8715, -0.1796, -13.7974



85.6978, -43.0984, 5.5255



38.4610, 0.2397, -7.5128

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.5588, 18.4654, -69.8279



44.8738, 28.4929, -96.8516



48.0819, 42.0422, -76.1602



40.5031, -1.1590, -2.2058



21.5693, 40.2872, -113.9282



7.3453, 8.8726, -28.3343

Inverse Universe

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



55.7933, 51.8912, 12.8449



52.9104, 65.5604, 17.0716



88.7114, -36.1232, 45.0977



40.6581, 1.8142, 2.5838



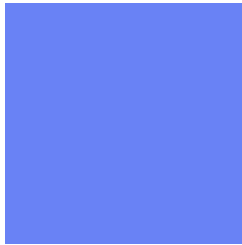
32.5100, 56.0162, 18.3576



9.7062, 16.8586, 4.4387

Previews

White Background



This preview shows how the HunterLab color 50.5580, 18.4646, -69.8294 looks on a white background.

Color Contrast Check

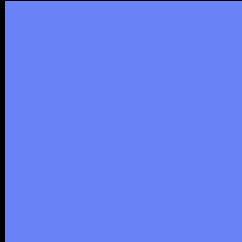
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5580, 18.4646, -69.8294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

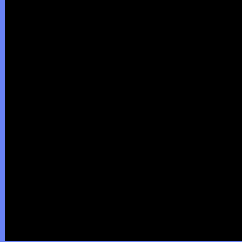
Any Text WCAG AA ✓ Pass

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 50.5580, 18.4646, -69.8294 Background



This preview shows how black text looks on a background with the HunterLab color 50.5580, 18.4646, -69.8294.



This preview shows how white text looks on a background with the HunterLab color 50.5580, 18.4646, -69.8294.

-69.8294.

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

50.5580, 18.4646, -69.8294

Protanopia

50.6790, 13.8198, -73.3805

Deuteranopia

50.8016, 4.8504, -67.5734



Tritanopia

50.4438, -18.0253, -8.8636

Trichromacy



Original Color

50.5580, 18.4646, -69.8294

Protanomaly

50.7208, 15.2231, -72.2902

Deuteranomaly

50.3322, 9.2615, -69.6438

Tritanomaly

50.0366, -6.0720, -28.3656

Monochromacy



Original Color

50.5580, 18.4646, -69.8294

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.5427, 2.7221, -18.5799

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.5580, 18.4646, -69.8294 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(105, 130, 245)` looks like.

```
.text, #text, p{  
    color:rgb(105, 130, 245)  
}
```

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(105, 130, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 130, 245) }
```

Border

The CSS property to change the border of an element to HunterLab 50.5580, 18.4646, -69.8294 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(105, 130, 245) }
```


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

```
.border{ border-color:rgb(105, 130, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 130, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 130, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 130, 245);  
box-shadow:4px 4px 4px 4px rgb(105, 130,  
245) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.5580, 18.4646, -69.8294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 130, 245) }
```

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

```
.background{ background-color: rgb(105,  
130, 245) }
```

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