

Converting Colors

HunterLab(49.9226, -0.6587,
-39.6766)

Have a look what the booklet for
HunterLab(49.9226, -0.6587,
-39.6766) contains.

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Color

**HunterLab(49.8548, -0.7749,
-39.4966)**

Conversions

Conversions Part 1

Format	Color
Hex	548BCF
RGB	84, 139, 207
RGB Percent	33%, 55%, 81%
CMY	0.6706, 0.4549, 0.1882
CMYK	0.59, 0.33, 0.00, 0.19
HSL	213°, 56%, 57%
HSV	213°, 59%, 81%
XYZ	24.1512, 24.8550, 62.5560
YIQ	130.3070, -54.6080, 9.4880

Conversions

Conversions Part 2

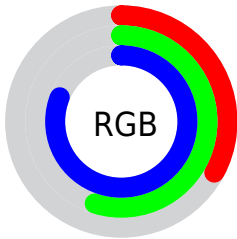
Format	Color
R_{YB}	84, 122, 207
Decimal	5540815
CIE _{Lab}	56.93, 2.32, -40.52
CIE _{LCh}	57, 40.582, 273.280
Yxy	24.8559, 0.2165, 0.2228
Android (android.graphics.Color)	4283730895 (0xFF548BCF)
YUV	130.3070, 37.8096, -40.6112
Hunter-Lab	49.8548, -0.7749, -39.4966

Details

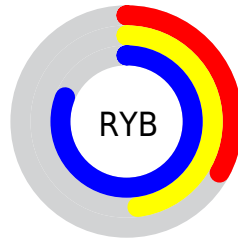
The HunterLab color $49.8548, -0.7749, -39.4966$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $60.3025, 8.6169, 29.0610$, and the grayscale version is $47.2403, -2.5206, 2.5667$.

A 20% lighter version of the original color is $71.1829, -4.0663, -35.0097$, and $30.6891, 0.1097, -38.4778$ is the 20% darker color. If you saturate the color by 10%, you get $45.7111, 1.9850, -48.3662$, and if you desaturate by 10%, it is $54.2640, -2.7532, -31.1105$.

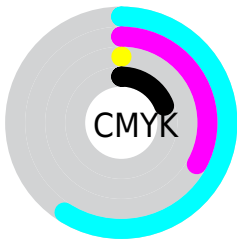
Distribution



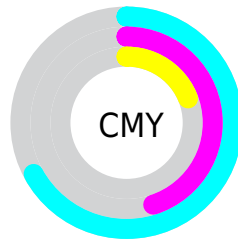
- Red (33%)
- Green (55%)
- Blue (81%)



- Red (33%)
- Yellow (48%)
- Blue (81%)



- Cyan (59%)
- Magenta (33%)
- Yellow (0%)
- Black (19%)



- Cyan (67%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8548, -0.7749, -39.4966 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 49.8548, -0.7749, -39.4966 by changing the saturation by 10% instead.

■ 49.8548, -0.7749,
-39.4966

■ 49.8548, -0.7749,
-39.4966

166.4690, -6.0805,
-44.4650

■ 39.9621, -0.3783,
-38.8562

■ 71.7100, -1.7020,
-40.8413

■ 30.8265, -0.0333,
-38.3315

■ 83.5903, -2.2262,
-41.4870

■ 22.5178, 0.2535,
-38.0903

■ 96.0626, -2.7873,
-42.0961

■ 15.1284, 0.4722,
-38.5450

■ 109.1000, -3.3830,
-42.6627

■ 8.7619, 0.6869,
-41.1239

122.6791, -4.0116,
-43.1836

0.0000, NaN, -NF

0.0000, NaN, -NF

136.7791, -4.6716,

-43.6577

0.0000, NaN, -NF

151.3813, -5.3616,
-44.0847

0.0000, NaN, NaN

■ 49.8548, -0.7749,
-39.4966

■ 49.8548, -0.7749,
-39.4966

■ 45.7111, 1.9850,
-48.3662

■ 54.2640, -2.7532,
-31.1105

■ 41.8653, 5.6173,
-57.7060

■ 58.9047, -4.0511,
-23.1921

■ 38.3541, 10.1800,
-67.4432

■ 63.7506, -4.7631,
-15.7020

■ 35.1866, 15.5919,
-77.5149

■ 68.7786, -4.9740,
-8.5940

■ 35.0090, 15.9192,
-78.1232

■ 73.9692, -4.7565,
-1.8208

■ 79.3062, -4.1716,
4.6622

■ 84.7756, -3.2705,
10.8956

■ 90.3660, -2.0957,
16.9150

■ 94.4825, -6.1670,
21.0678

Harmonies

Analogous

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



49.8557, -16.5528, -33.9135



49.8548, -0.7749, -39.4966



49.8557, 16.6153, -30.9965

Triad

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



49.8557, -0.7746, -39.4955



49.8557, 27.7832, 16.9634



49.8557, -28.6777, 14.7897

Complementary

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



49.8548, -0.7749, -39.4966



60.3025, 8.6169, 29.0610

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.



49.8557, -19.3944, 22.3678



49.8548, -0.7749, -39.4966



49.8557, 12.9368, 23.2946

Square

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



49.8557, -0.7746, -39.4955



49.8557, 34.4359, 4.4641



49.8557, -4.5234, 24.8765



49.8557, -31.3323, 0.8976

Rectangle

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



49.8548, -0.7749, -39.4966



49.8557, 26.4046, -19.7433



49.8557, -4.5234, 24.8765



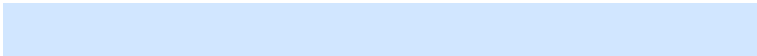
49.8557, -26.2965, 17.9810

Sweetspot

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



49.8557, -0.7746, -39.4955



87.8489, -6.2909, -9.8297



69.8332, -41.4130, 17.2112



39.7619, -2.9109, -5.7451

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8557, -0.7746, -39.4955



56.6434, 3.5295, -64.0631



36.0945, 29.1396, -74.2163



35.0364, -2.2529, -0.8616



28.1157, 11.9308, -60.8974



7.7411, 0.6810, -11.1458

Inverse Universe

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



46.3371, 48.2035, -1.8584



53.3987, 72.3333, -0.2145



75.9362, -20.1488, 39.8889



34.4889, 1.8821, 1.0909



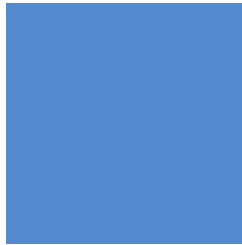
29.7813, 52.7188, 5.9311



7.1539, 12.8730, -0.1961

Previews

White Background



This preview shows how the HunterLab color 49.8548, -0.7749, -39.4966 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 49.8548, -0.7749, -39.4966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

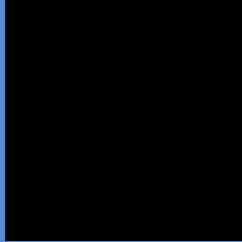
Any Text WCAG AA ✓ Pass

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 49.8548, -0.7749, -39.4966 Background



This preview shows how black text looks on a background with the HunterLab color 49.8548, -0.7749, -39.4966.

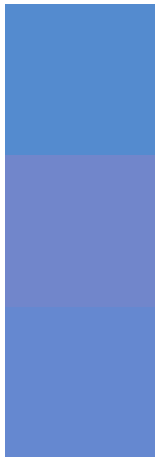


This preview shows how white text looks on a background with the HunterLab color 49.8548, -0.7749, -39.4966.

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

49.8548, -0.7749, -39.4966

Protanopia

49.8725, 6.1906, -36.3292

Deuteranopia

49.9290, 3.9893, -40.0267



Tritanopia

49.8075, -18.8938, -9.2290

Trichromacy



Original Color

49.8548, -0.7749, -39.4966

Protanomaly

49.7923, 3.1408, -37.2867

Deuteranomaly

49.8781, 2.3608, -40.1589

Tritanomaly

49.7642, -12.9825, -19.1199

Monochromacy



Original Color

49.8548, -0.7749, -39.4966

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.7016, -3.5141, -10.8742

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8548, -0.7749, -39.4966 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, 139, 207)` looks like.

```
.text, #text, p{  
    color:rgb(84, 139, 207)  
}
```

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, 139, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 139, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8548, -0.7749, -39.4966 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, 139, 207) }
```


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

```
.border{ border-color:rgb(84, 139, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 139, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 139, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 139, 207);  
box-shadow:4px 4px 4px 4px rgb(84, 139,  
207) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8548, -0.7749, -39.4966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 139, 207) }
```

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

```
.background{ background-color: rgb(84, 139,  
207) }
```

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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