

Converting Colors

HunterLab(49.5853, 6.5775,
-58.8449)

Have a look what the booklet for
HunterLab(49.5853, 6.5775,
-58.8449) contains.

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Color

**HunterLab(49.5758, 6.5951,
-58.8682)**

Conversions

Conversions Part 1

Format	Color
Hex	4C87E6
RGB	76, 135, 230
RGB Percent	30%, 53%, 90%
CMY	0.7019, 0.4706, 0.0980
CMYK	0.67, 0.41, 0.00, 0.10
HSL	217°, 75%, 60%
HSV	217°, 67%, 90%
XYZ	25.9274, 24.5776, 78.2403
YIQ	128.1890, -65.6590, 17.0370

Conversions

Conversions Part 2

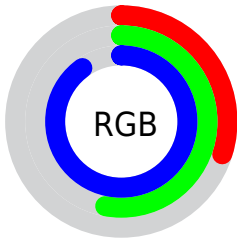
Format	Color
R_{YB}	76, 119, 230
Decimal	5015526
CIE _{Lab}	56.66, 11.08, -53.86
CIE _{LCh}	57, 54.986, 281.622
Yxy	24.5784, 0.2014, 0.1909
Android (android.graphics.Color)	4283205606 (0xFF4C87E6)
YUV	128.1890, 50.1928, -45.7698
Hunter-Lab	49.5758, 6.5951, -58.8682

Details

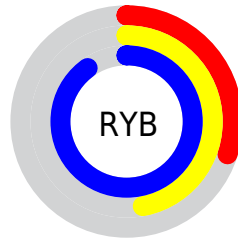
The HunterLab color **49.5758, 6.5951, -58.8682** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **68.1719, 7.6977, 36.1939**, and the grayscale version is **46.3641, -2.4739, 2.5190**.

A 20% lighter version of the original color is **69.7678, -2.6616, -37.4555**, and **31.1634, 8.2861, -56.8388** is the 20% darker color. If you saturate the color by 10%, you get **44.8324, 11.3907, -71.1804**, and if you desaturate by 10%, it is **54.7006, 2.8467, -47.3885**.

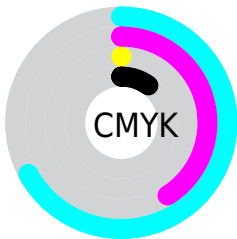
Distribution



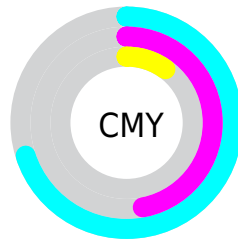
- Red (30%)
- Green (53%)
- Blue (90%)



- Red (30%)
- Yellow (47%)
- Blue (90%)



- Cyan (67%)
- Magenta (41%)
- Yellow (0%)
- Black (10%)



- Cyan (70%)
- Magenta (47%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5758, 6.5951, -58.8682 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 49.5758, 6.5951, -58.8682 by changing the saturation by 10% instead.

■ 49.5758, 6.5951,
-58.8682

■ 49.5758, 6.5951,
-58.8682

166.0517, 4.6959,
-65.3398

■ 39.7029, 6.5116,
-58.4549

■ 71.3950, 6.5469,
-60.2067

■ 30.5888, 6.3406,
-58.4411

■ 83.2587, 6.4288,
-60.9752

■ 22.3038, 6.0673,
-59.2256

■ 95.7152, 6.2558,
-61.7562

■ 14.9411, 5.6686,
-61.7666

■ 108.7376, 6.0322,
-62.5289

■ 8.5881, 5.3023,
-69.4001

122.3022, 5.7616,
-63.2804

0.0000, NaN, -NF

0.0000, NaN, -NF

136.3882, 5.4470,

-64.0025

0.0000, NaN, -NF

150.9770, 5.0910,
-64.6900

0.0000, NaN, NaN

■ 49.5758, 6.5951,
-58.8682

■ 49.5758, 6.5951,
-58.8682

■ 44.8324, 11.3907,
-71.1804

■ 54.7006, 2.8467,
-47.3885

■ 40.5294, 17.3215,
-84.2396

■ 60.1505, 0.0110,
-36.7279

■ 36.7262, 24.3595,
-97.8009

■ 65.8810, -2.0475,
-26.8140

■ 35.6522, 26.6371,
-102.0639

■ 71.8554, -3.4520,
-17.5556

■ 78.0434, -4.3084,
-8.8597

■ 84.4206, -4.7041,
-0.6406

■ 90.9671, -4.7111,
7.1769

■ 97.1722, -6.1065,
14.0919

■ 99.2437, -9.4947,
16.2625

Harmonies

Analogous

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



49.5766, -15.8561, -56.2635



49.5758, 6.5951, -58.8682



49.5766, 30.3413, -40.2701

Triad

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



49.5766, 6.5959, -58.8669



49.5766, 35.0044, 23.3224



49.5766, -38.0732, 14.2313

Complementary

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



49.5758, 6.5951, -58.8682



68.1719, 7.6977, 36.1939

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.



49.5766, -28.7747, 24.9955



49.5758, 6.5951, -58.8682



49.5766, 12.1064, 28.3459

Square

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



49.5766, 6.5959, -58.8669



49.5766, 48.6331, 10.4597



49.5766, -11.2605, 28.7735



49.5766, -39.0056, -6.5638

Rectangle

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



49.5758, 6.5951, -58.8682



49.5766, 42.6590, -21.7992



49.5766, -11.2605, 28.7735



49.5766, -35.9139, 18.8401

Sweetspot

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



49.5766, 6.5959, -58.8669



85.5104, -4.5993, -12.9871



78.1473, -48.5301, 18.0845



38.6499, -2.0056, -7.2832

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.5766, 6.5959, -58.8669



48.6454, 14.9912, -85.0722



36.4166, 41.5653, -98.7180



38.4548, -2.1567, -1.2335



27.2304, 19.0550, -75.1700



8.5039, 2.7420, -16.5484

Inverse Universe

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



48.7263, 59.7658, 3.1797



50.2161, 77.0433, 7.7084



84.3316, -27.4326, 46.6762



38.0249, 2.0135, 1.4874



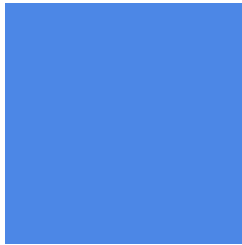
31.5377, 55.3474, 10.0061



8.6757, 15.4208, 1.2392

Previews

White Background



This preview shows how the HunterLab color 49.5758, 6.5951, -58.8682 looks on a white background.

Color Contrast Check

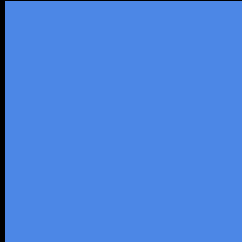
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.5758, 6.5951, -58.8682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

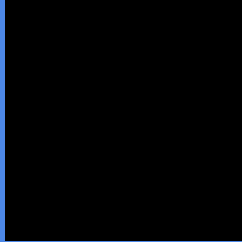
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

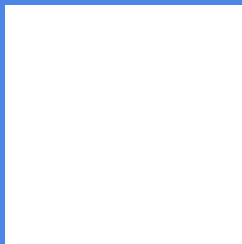
Any Text WCAG AAA × Fail

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

HunterLab 49.5758, 6.5951, -58.8682 Background



This preview shows how black text looks on a background with the HunterLab color 49.5758, 6.5951, -58.8682.



This preview shows how white text looks on a background with the HunterLab color 49.5758, 6.5951, -58.8682.

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

49.5758, 6.5951, -58.8682

Protanopia

49.4788, 10.2249, -56.4159

Deuteranopia

49.5124, 4.9309, -59.0510



Tritanopia

49.6531, -22.6157, -10.6166

Trichromacy



Original Color

49.5758, 6.5951, -58.8682

Protanomaly

49.4482, 8.8219, -57.3834

Deuteranomaly

49.6222, 5.2954, -58.7788

Tritanomaly

49.3929, -13.5194, -26.2352

Monochromacy



Original Color

49.5758, 6.5951, -58.8682

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.1173, -2.0860, -15.7969

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5758, 6.5951, -58.8682 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(76, 135, 230)` looks like.

```
.text, #text, p{  
    color:rgb(76, 135, 230)  
}
```

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(76, 135, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 135, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5758, 6.5951, -58.8682 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(76, 135, 230) }
```


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

```
.border{ border-color:rgb(76, 135, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 135, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 135, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 135, 230);  
box-shadow:4px 4px 4px 4px rgb(76, 135,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5758, 6.5951, -58.8682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 135, 230) }
```

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

```
.background{ background-color: rgb(76, 135,  
230) }
```

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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