

Converting Colors

HunterLab(23.7757, 58.0399,
-118.9248)

Have a look what the booklet for
HunterLab(23.7757, 58.0399,
-118.9248) contains.

HunterLab(23.7908, 58.0744, -118.9809)	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(23.7908, 58.0744,
-118.9809)**

Conversions

Conversions Part 1

Format	Color
Hex	4C00C7
RGB	76, 0, 199
RGB Percent	30%, 0%, 78%
CMY	0.7019, 1.0000, 0.2196
CMYK	0.62, 1.00, 0.00, 0.22
HSL	263°, 100%, 39%
HSV	263°, 100%, 78%
XYZ	13.2893, 5.6600, 54.4249
YIQ	45.4100, -18.5830, 78.0010

Conversions

Conversions Part 2

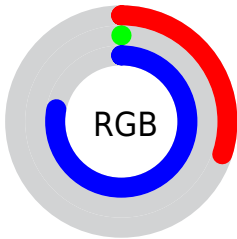
Format	Color
R_{YB}	76, 0, 199
Decimal	4980935
CIE _{Lab}	28.54, 67.54, -81.93
CIE _{LCh}	29, 106.182, 309.499
Yxy	5.6603, 0.1811, 0.0771
Android (android.graphics.Color)	4283171015 (0xFF4C00C7)
YUV	45.4100, 75.7199, 26.8274
Hunter-Lab	23.7908, 58.0744, -118.9809

Details

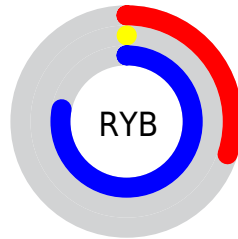
The HunterLab color **23.7908, 58.0744, -118.9809** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **67.1249, -41.4388, 40.6366**, and the grayscale version is **16.0978, -0.8589, 0.8746**.

A 20% lighter version of the original color is **41.2937, 61.7107, -109.3136**, and **14.0825, 38.1988, -100.0622** is the 20% darker color. If you saturate the color by 10%, you get **23.7914, 58.0750, -118.9776**, and if you desaturate by 10%, it is **25.9037, 55.3502, -106.7436**.

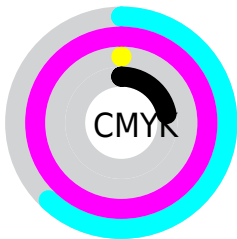
Distribution



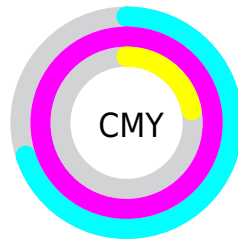
- Red (30%)
- Green (0%)
- Blue (78%)



- Red (30%)
- Yellow (0%)
- Blue (78%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (70%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7908, 58.0744, -118.9809 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 23.7908, 58.0744, -118.9809 by changing the saturation by 10% instead.

■ 23.7908, 58.0744,
-118.9809

■ 23.7908, 58.0744,
-118.9809

■ 124.9062, 76.3279,
-112.3803

■ 16.2470, 56.2399,
-129.2932

■ 41.4996, 62.5229,
-111.1916

■ 9.7295, 55.5904,
-152.2487

■ 51.5094, 64.7571,
-109.9599

0.0000, INF, -NF

0.0000, NaN, -NF

■ 62.2152, 66.9194,
-109.5528

0.0000, NaN, -NF

■ 73.5746, 68.9918,
-109.6571

0.0000, NaN, -NF

■ 85.5518, 70.9682,
-110.0883

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.1164, 72.8481,

-110.7314

111.2423, 74.6336,
-111.5120

23.7908, 58.0744,
-118.9809

23.7908, 58.0744,
-118.9809

23.7914, 58.0750,
-118.9776

25.9037, 55.3502,
-106.7436

28.9338, 50.4408,
-92.0104

32.9064, 43.8886,
-76.3103

37.6535, 36.6721,
-61.2378

43.0155, 29.3672,
-47.4559

■ 48.8651, 22.2281,
-35.0608

■ 55.1071, 15.3328,
-23.9092

■ 61.6714, 8.6795,
-13.7930

■ 68.5063, 2.2372,
-4.5115

Harmonies

Analogous

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



23.7914, 10.8221, -186.1982



23.7908, 58.0744, -118.9809



23.7914, 99.5758, -33.5680

Triad

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



23.7914, 58.0750, -118.9776



23.7914, 27.0225, 16.6540



23.7914, -38.2857, -11.8015

Complementary

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



23.7908, 58.0744, -118.9809



67.1249, -41.4388, 40.6366

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.



23.7914, -37.3207, 14.5601



23.7908, 58.0744, -118.9809



23.7914, -11.3457, 16.6540

Square

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



23.7914, 58.0750, -118.9776



23.7914, 75.6043, 16.6540



23.7914, -30.6420, 16.6540



23.7914, -34.0326, -85.3217

Rectangle

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



23.7908, 58.0744, -118.9809



23.7914, 109.5721, 0.7314



23.7914, -30.6420, 16.6540



23.7914, -38.5517, 1.8452

Sweetspot

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



23.7914, 58.0750, -118.9776



72.5460, 20.6833, -32.2558



43.6507, -3.7059, -46.5597



31.9059, 11.3589, -17.7709

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



23.7914, 58.0750, -118.9776



31.2780, 76.6472, -158.7212



35.9821, 73.0801, -65.5822



32.3753, 0.8665, -1.8602



19.2001, 46.6903, -94.6421



4.6478, 10.6607, -17.9357

Inverse Universe

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



36.8403, 66.9713, -6.2814



48.6981, 88.4381, -7.6108



64.0888, -54.0470, 38.5450



32.7800, 2.0157, 0.3700



29.5713, 53.8103, -5.4530



6.5412, 12.0913, -2.6675

Previews

White Background



This preview shows how the HunterLab color 23.7908, 58.0744, -118.9809 looks on a white background.

Color Contrast Check

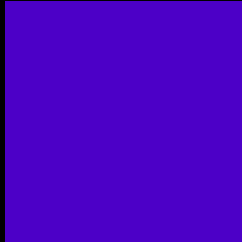
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 23.7908, 58.0744, -118.9809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

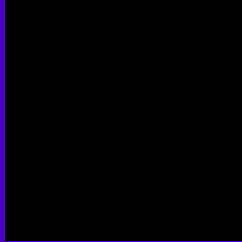
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 23.7908, 58.0744, -118.9809 Background



This preview shows how black text looks on a background with the HunterLab color 23.7908, 58.0744, -118.9809.



This preview shows how white text looks on a background with the HunterLab color 23.7908, 58.0744, -118.9809.

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

23.7908, 58.0744, -118.9809

Protanopia

24.3668, 7.2808, -46.1736

Deuteranopia

24.4761, -1.2091, -27.9828



Tritanopia

24.3563, -11.7315, -5.1183

Trichromacy



Original Color

23.7908, 58.0744, -118.9809

Protanomaly

21.4086, 28.1063, -80.9827

Deuteranomaly

20.9064, 22.1614, -67.3668

Tritanomaly

19.8095, 12.9003, -45.6380

Monochromacy



Original Color

23.7908, 58.0744, -118.9809

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.3066, 19.8381, -34.3700

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7908, 58.0744, -118.9809 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, 0, 199)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 199)  
}
```

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, 0, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7908, 58.0744, -118.9809 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, 0, 199) }
```


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

```
.border{ border-color:rgb(76, 0, 199) }
```

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

Here you see how a box with a 4 pixel rgb(76, 0, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 0, 199);  
box-shadow:4px 4px 4px 4px rgb(76, 0, 199)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.7908, 58.0744, -118.9809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 199) }
```

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

```
.background{ background-color: rgb(76, 0,  
199) }
```

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