

Converting Colors

HunterLab(49.8647, -8.3822,
-43.3489)

Have a look what the booklet for
HunterLab(49.8647, -8.3822,
-43.3489) contains.

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Color

**HunterLab(49.7777, -8.1894,
-43.6609)**

Conversions

Conversions Part 1

Format	Color
Hex	0C90D4
RGB	12, 144, 212
RGB Percent	5%, 56%, 83%
CMY	0.9528, 0.4353, 0.1686
CMYK	0.94, 0.32, 0.00, 0.17
HSL	200°, 89%, 44%
HSV	200°, 94%, 83%
XYZ	22.0086, 24.7782, 65.9101
YIQ	112.2840, -100.5000, -6.8360

Conversions

Conversions Part 2

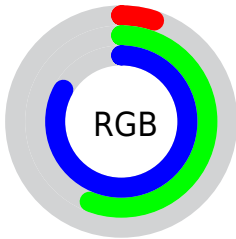
Format	Color
R_{YB}	12, 92, 212
Decimal	823508
CIE _{Lab}	56.86, -7.01, -43.57
CIE _{LCh}	57, 44.126, 260.859
Yxy	24.7790, 0.1953, 0.2199
Android (android.graphics.Color)	4279013588 (0xFF0C90D4)
YUV	112.2840, 49.1600, -87.9491
Hunter-Lab	49.7777, -8.1894, -43.6609

Details

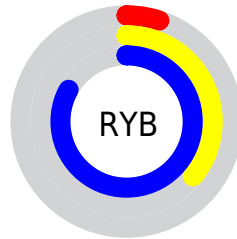
The HunterLab color **49.7777, -8.1894, -43.6609** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **44.4610, 42.9982, 27.6836**, and the grayscale version is **40.2126, -2.1456, 2.1848**.

A 20% lighter version of the original color is **71.0575, -14.2285, -35.4039**, and **32.3106, -0.8095, -38.6380** is the 20% darker color. If you saturate the color by 10%, you get **48.4581, -6.5328, -46.4659**, and if you desaturate by 10%, it is **52.2323, -10.6887, -38.7062**.

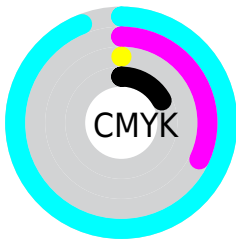
Distribution



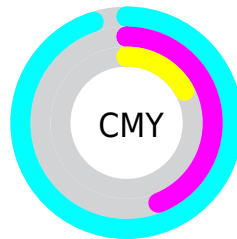
- Red (5%)
- Green (56%)
- Blue (83%)



- Red (5%)
- Yellow (36%)
- Blue (83%)



- Cyan (94%)
- Magenta (32%)
- Yellow (0%)
- Black (17%)



- Cyan (95%)
- Magenta (44%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7777, -8.1894, -43.6609 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 49.7777, -8.1894, -43.6609 by changing the saturation by 10% instead.

■ 49.7777, -8.1894,
-43.6609

■ 49.7777, -8.1894,
-43.6609

166.3537,
-17.2560, -49.0879

■ 39.8904, -7.2487,
-43.0395

■ 71.6229, -10.0987,
-45.0486

■ 30.7608, -6.3132,
-42.5855

■ 83.4986, -11.0735,
-45.7381

■ 22.4586, -5.3745,
-42.5093

■ 95.9666, -12.0632,
-46.3995

■ 15.0766, -4.4183,
-43.3237

■ 108.9998,
-13.0687, -47.0241

■ 8.7143, -3.9707,
-46.8070

■ 122.5749,
-14.0905, -47.6071

0.0000, NaN, -NF

0.0000, NaN, -NF

136.6710,

-15.1288, -48.1460

0.0000, NaN, -NF

151.2695,
-16.1840, -48.6396

0.0000, NaN, NaN

■ 49.7777, -8.1894,
-43.6609

■ 49.7777, -8.1894,
-43.6609

■ 48.4581, -6.5328,
-46.4659

■ 52.2323, -10.6887,
-38.7062

■ 54.9069, -12.4467,
-33.6448

■ 57.8047, -13.4428,
-28.5049

■ 60.9198, -13.6966,
-23.3228

■ 64.2424, -13.2509,
-18.1324

■ 67.7602, -12.1607,
-12.9612

■ 71.4603, -10.4855,
-7.8298

■ 75.3299, -8.2846,
-2.7522

■ 79.3565, -5.6144,
2.2633

Harmonies

Analogous

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



49.7785, -23.1956, -31.3607



49.7777, -8.1894, -43.6609



49.7785, 10.6617, -40.4585

Triad

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



49.7785, -8.1887, -43.6598



49.7785, 35.1655, 13.3223



49.7785, -27.3694, 19.6962

Complementary

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



49.7777, -8.1894, -43.6609



44.4610, 42.9982, 27.6836

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.



49.7785, -14.7108, 25.1035



49.7777, -8.1894, -43.6609



49.7785, 21.8641, 22.4687

Square

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



49.7785, -8.1887, -43.6598



49.7785, 37.5889, -2.9759



49.7785, 3.1237, 25.8889



49.7785, -33.1552, 7.7946

Rectangle

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



49.7777, -8.1894, -43.6609



49.7785, 22.8363, -30.3093



49.7785, 3.1237, 25.8889



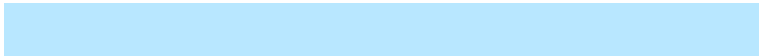
49.7785, -23.8724, 22.1199

Sweetspot

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



49.7785, -8.1887, -43.6598



86.2296, -13.8256, -12.1584



69.0841, -56.0531, 35.2889



38.9787, -6.7973, -6.9024

0.0000, NaN, NaN



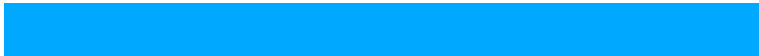
46.2646, -2.4686, 2.5136

Same Dimension

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



49.7785, -8.1887, -43.6598



59.4384, -7.6035, -57.8791



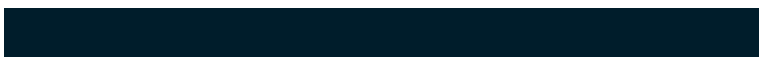
25.9563, 43.8990, -125.5171



36.5561, -3.3273, -0.1377



38.3259, -5.5295, -35.9674



10.1815, -2.5244, -7.2765

Inverse Universe

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



40.3422, 72.3963, -12.6531



49.0894, 89.8474, -13.0883



67.9220, -5.1405, 41.4583



35.4367, 2.2861, 0.2043



31.3491, 57.4713, -9.0835



7.7972, 14.4659, -3.5888

Previews

White Background



This preview shows how the HunterLab color 49.7777, -8.1894, -43.6609 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 49.7777, -8.1894, -43.6609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

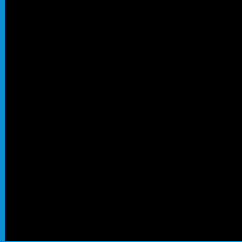
Any Text WCAG AA ✓ Pass

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 49.7777, -8.1894, -43.6609 Background



This preview shows how black text looks on a background with the HunterLab color 49.7777, -8.1894, -43.6609.



This preview shows how white text looks on a background with the HunterLab color 49.7777, -8.1894, -43.6609.

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

49.7777, -8.1894, -43.6609

Protanopia

49.5294, 6.4817, -37.0009

Deuteranopia

49.7901, 4.1283, -45.0040



Tritanopia

49.7412, -23.9305, -10.5131

Trichromacy



Original Color

49.7777, -8.1894, -43.6609

Protanomaly

48.8713, -1.2747, -40.7490

Deuteranomaly

49.3552, -1.8968, -45.2431

Tritanomaly

49.4984, -18.5441, -21.5457

Monochromacy



Original Color

49.7777, -8.1894, -43.6609

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

42.5322, -9.2405, -13.0093

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7777, -8.1894, -43.6609 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(12, 144, 212)` looks like.

```
.text, #text, p{  
    color:rgb(12, 144, 212)  
}
```

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(12, 144, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 144, 212) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7777, -8.1894, -43.6609 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(12, 144, 212) }
```


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

```
.border{ border-color:rgb(12, 144, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 144, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 144, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 144, 212);  
box-shadow:4px 4px 4px 4px rgb(12, 144,  
212) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7777, -8.1894, -43.6609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 144, 212) }
```

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

```
.background{ background-color: rgb(12, 144,  
212) }
```

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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