

Converting Colors

HunterLab(49.9236, -7.9748,
-12.5220)

Have a look what the booklet for
HunterLab(49.9236, -7.9748,
-12.5220) contains.

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Color

**HunterLab(50.0790, -7.9498,
-12.5642)**

Conversions

Conversions Part 1

Format	Color
Hex	688EA7
RGB	104, 142, 167
RGB Percent	41%, 56%, 65%
CMY	0.5921, 0.4431, 0.3451
CMYK	0.38, 0.15, 0.00, 0.35
HSL	204°, 26%, 53%
HSV	204°, 38%, 65%
XYZ	22.3570, 25.0791, 40.2216
YIQ	133.4880, -30.6730, -0.2810

Conversions

Conversions Part 2

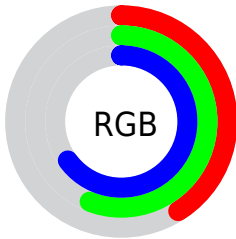
Format	Color
RYB	104, 128, 167
Decimal	6852263
CIELab	57.15, -6.67, -17.38
CIELCh	57, 18.613, 249.014
Yxy	25.0800, 0.2551, 0.2861
Android (android.graphics.Color)	4285042343 (0xFF688EA7)
YUV	133.4880, 16.5214, -25.8610
Hunter-Lab	50.0790, -7.9498, -12.5642

Details

The HunterLab color $50.0790, -7.9498, -12.5642$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $49.9158, 6.6456, 15.3171$, and the grayscale version is $48.5698, -2.5916, 2.6389$.

A 20% lighter version of the original color is $72.0568, -10.0932, -12.6386$, and $31.0628, -6.1483, -11.9256$ is the 20% darker color. If you saturate the color by 10%, you get $47.1846, -8.2353, -17.0083$, and if you desaturate by 10%, it is $53.1144, -7.2274, -8.2081$.

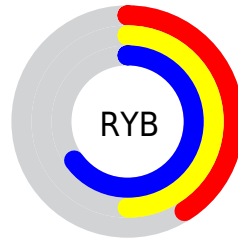
Distribution



Red (41%)

Green (56%)

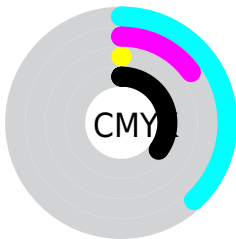
Blue (65%)



Red (41%)

Yellow (50%)

Blue (65%)

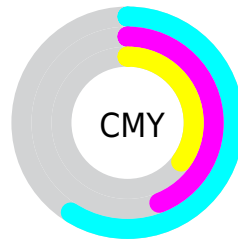


Cyan (38%)

Magenta (15%)

Yellow (0%)

Black (35%)



Cyan (59%)

Magenta (44%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0790, -7.9498, -12.5642 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 50.0790, -7.9498, -12.5642 by changing the saturation by 10% instead.

■ 50.0790, -7.9498,
-12.5642

■ 50.0790, -7.9498,
-12.5642

166.8042,
-16.8804, -12.1359

■ 40.1705, -7.0306,
-12.3170

■ 71.9632, -9.8239,
-12.8534

■ 31.0176, -6.1176,
-11.9994

■ 83.8567, -10.7821,
-12.9053

■ 22.6900, -5.2040,
-11.6127

■ 96.3416, -11.7562,
-12.9005

■ 15.2793, -4.2771,
-11.1769

■ 109.3912,
-12.7468, -12.8424

■ 8.8990, -3.7393,
-10.8283

122.9818,
-13.7544, -12.7342

0.0000, NaN, -NF

137.0930,

0.0000, NaN, NaN

-14.7791, -12.5788

0.0000, NaN, NaN

151.7060,
-15.8211, -12.3786

0.0000, NaN, NaN

■ 50.0790, -7.9498,
-12.5642

■ 50.0790, -7.9498,
-12.5642

■ 47.1846, -8.2353,
-17.0083

■ 53.1144, -7.2274,
-8.2081

■ 44.4400, -8.0335,
-21.5332

■ 56.2766, -6.1144,
-3.9469

■ 41.8578, -7.2982,
-26.1205

■ 59.5564, -4.6553,
0.2208

■ 39.4486, -5.9910,
-30.7448

■ 62.9442, -2.8899,
4.2982

■ 37.2201, -4.0916,
-35.3746

■ 66.4315, -0.8535,
8.2905

■ 35.1638, -1.6477,
-40.0045

■ 70.0108, 1.4231,
12.2040

■ 34.7069, -1.0623,
-41.0874

■ 73.6752, 3.9132,
16.0455

■ 77.4186, 6.5936,
19.8217

■ 81.2355, 9.4444,
23.5392

Harmonies

Analogous

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



50.0800, -13.8374, -7.1471



50.0790, -7.9498, -12.5642



50.0800, -0.2955, -13.5705

Triad

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



50.0800, -7.9502, -12.5633



50.0800, 13.0685, 4.9171



50.0800, -11.7989, 12.6205

Complementary

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



50.0790, -7.9498, -12.5642



49.9158, 6.6456, 15.3171

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.



50.0800, -5.0105, 14.9019



50.0790, -7.9498, -12.5642



50.0800, 9.5601, 10.9250

Square

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



50.0800, -7.9502, -12.5633



50.0800, 12.1616, -2.6756



50.0800, 2.8284, 14.3328



50.0800, -15.9628, 7.5858

Rectangle

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



50.0790, -7.9498, -12.5642



50.0800, 4.8338, -11.4753



50.0800, 2.8284, 14.3328



50.0800, -9.7656, 13.6968

Sweetspot

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



50.0800, -7.9502, -12.5633



78.1587, -6.9577, -1.6293



56.6952, -25.4354, 13.0784



36.7038, -3.4134, -1.1116



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



50.0800, -7.9502, -12.5633



63.8693, -10.9964, -21.6174



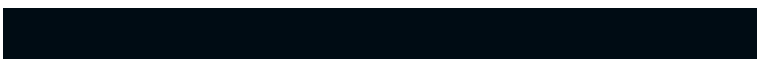
41.4479, 6.7397, -26.6395



28.3282, -2.3538, -0.2048



30.5205, -1.1986, -35.5604



5.6775, -1.6023, -3.6375

Inverse Universe

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



44.7994, 24.2790, -5.8399



55.8336, 40.4132, -9.6407



58.5115, -7.9893, 22.6429



27.5961, 1.6030, 0.3873



26.4791, 48.0835, -4.1089



4.2456, 7.9136, -2.2405

Previews

White Background



This preview shows how the HunterLab color 50.0790, -7.9498, -12.5642 looks on a white background.

Color Contrast Check

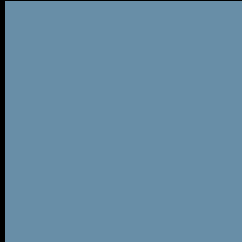
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0790, -7.9498, -12.5642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

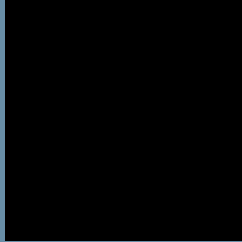
Any Text WCAG AA ✓ Pass

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 50.0790, -7.9498, -12.5642 Background



This preview shows how black text looks on a background with the HunterLab color 50.0790, -7.9498, -12.5642.



This preview shows how white text looks on a background with the HunterLab color 50.0790, -7.9498,

-12.5642.

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

50.0790, -7.9498, -12.5642

Protanopia

50.0779, 0.6732, -10.1549

Deuteranopia

49.9831, 3.6598, -13.6620



Tritanopia

50.1134, -11.6840, -6.5369

Trichromacy



Original Color

50.0790, -7.9498, -12.5642

Protanomaly

49.9222, -2.7142, -10.9982

Deuteranomaly

49.9294, -0.9248, -13.2410

Tritanomaly

50.0078, -10.2454, -8.7957

Monochromacy



Original Color

50.0790, -7.9498, -12.5642

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.7752, -5.0603, -2.5965

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0790, -7.9498, -12.5642 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(104, 142, 167)` looks like.

```
.text, #text, p{  
    color:rgb(104, 142, 167)  
}
```

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(104, 142, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 142, 167) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0790, -7.9498, -12.5642 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(104, 142, 167) }
```


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

```
.border{ border-color:rgb(104, 142, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 142, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 142, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 142, 167);  
box-shadow:4px 4px 4px 4px rgb(104, 142,  
167) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0790, -7.9498, -12.5642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 142, 167) }
```

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

```
.background{ background-color: rgb(104,  
142, 167) }
```

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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