

Converting Colors

HunterLab(49.3806, -3.7402,
-17.1066)

Have a look what the booklet for
HunterLab(49.3806, -3.7402,
-17.1066) contains.

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Color

**HunterLab(49.4422, -3.7114,
-17.0086)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8AAD
RGB	109, 138, 173
RGB Percent	43%, 54%, 68%
CMY	0.5725, 0.4588, 0.3216
CMYK	0.37, 0.20, 0.00, 0.32
HSL	213°, 28%, 55%
HSV	213°, 37%, 68%
XYZ	22.9380, 24.4453, 43.0446
YIQ	133.3190, -28.5190, 4.7370

Conversions

Conversions Part 2

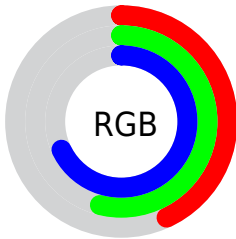
Format	Color
R _Y B	109, 129, 173
Decimal	7178925
CIE Lab	56.53, -1.34, -21.73
CIE LCh	57, 21.772, 266.481
Yxy	24.4463, 0.2537, 0.2703
Android (android.graphics.Color)	4285369005 (0xFF6D8AAD)
YUV	133.3190, 19.5627, -21.3278
Hunter-Lab	49.4422, -3.7114, -17.0086

Details

The HunterLab color $[49.4422, -3.7114, -17.0086]$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $[54.7132, 2.0203, 18.0703]$, and the grayscale version is $[48.4907, -2.5873, 2.6346]$.

A 20% lighter version of the original color is $[71.1338, -4.8531, -18.0390]$, and $[30.4294, -2.2999, -16.5356]$ is the 20% darker color. If you saturate the color by 10%, you get $[45.6698, -2.8585, -23.2350]$, and if you desaturate by 10%, it is $[53.3739, -4.1181, -11.1012]$.

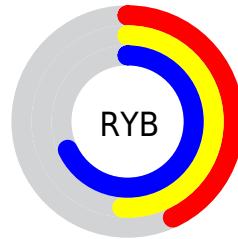
Distribution



Red (43%)

Green (54%)

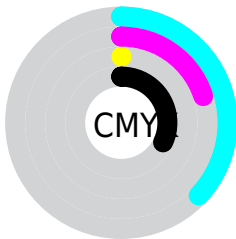
Blue (68%)



Red (43%)

Yellow (51%)

Blue (68%)

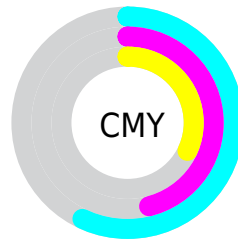


Cyan (37%)

Magenta (20%)

Yellow (0%)

Black (32%)



Cyan (57%)

Magenta (46%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4422, -3.7114, -17.0086 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 49.4422, -3.7114, -17.0086 by changing the saturation by 10% instead.

■ 49.4422, -3.7114,
-17.0086

■ 49.4422, -3.7114,
-17.0086

165.8520,
-10.4653, -17.8628

■ 39.5790, -3.1077,
-16.6193

■ 71.2443, -5.0160,
-17.5928

■ 30.4752, -2.5377,
-16.1717

■ 83.1000, -5.7134,
-17.7924

■ 22.2016, -2.0035,
-15.6827

■ 95.5490, -6.4394,
-17.9335

■ 14.8517, -1.5067,
-15.2108

■ 108.5642, -7.1930,
-18.0193

■ 8.5036, -1.1389,
-15.1443

122.1219, -7.9732,
-18.0525

0.0000, NaN, -NF

0.0000, NaN, NaN

136.2012, -8.7791,

-18.0358

0.0000, NaN, NaN

150.7835, -9.6101,
-17.9718

0.0000, NaN, NaN

■ 49.4422, -3.7114,
-17.0086

■ 49.4422, -3.7114,
-17.0086

■ 45.6698, -2.8585,
-23.2350

■ 53.3739, -4.1181,
-11.1012

■ 42.0737, -1.4865,
-29.8136

■ 57.4448, -4.1408,
-5.4808

■ 38.6783, 0.4816,
-36.7623

■ 61.6415, -3.8344,
-0.1113

■ 35.5096, 3.1204,
-44.0768

■ 65.9518, -3.2445,
5.0403

■ 32.5949, 6.4862,
-51.7168

■ 70.3653, -2.4097,
10.0038

■ 29.9516, 10.5667,
-59.6206

■ 74.8732, -1.3619,
14.8055

■ 29.1924, 11.8651,
-62.1013

■ 79.4679, -0.1278,
19.4686

■ 84.1431, 1.2701,
24.0127

■ 87.8251, -0.8324,
27.4127

Harmonies

Analogous

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



49.4432, -11.9510, -13.3227



49.4422, -3.7114, -17.0086



49.4432, 5.4190, -14.6770

Triad

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



49.4432, -3.7118, -17.0076



49.4432, 14.0438, 9.5630



49.4432, -16.4199, 11.0407

Complementary

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



49.4422, -3.7114, -17.0086



54.7132, 2.0203, 18.0703

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.



49.4432, -10.2153, 15.4089



49.4422, -3.7114, -17.0086



49.4432, 7.4137, 14.6705

Square

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



49.4432, -3.7118, -17.0076



49.4432, 16.0955, 1.6572



49.4432, -1.5606, 16.6071



49.4432, -18.9454, 3.7036

Rectangle

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



49.4422, -3.7114, -17.0086



49.4432, 10.7202, -10.2196



49.4432, -1.5606, 16.6071



49.4432, -14.7183, 12.8498

Sweetspot

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



49.4432, -3.7118, -17.0076



80.1145, -5.3531, -3.1285



59.2673, -24.7522, 10.0366



37.0071, -2.5209, -1.8936



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



49.4432, -3.7118, -17.0076



62.2215, -4.1359, -29.2017



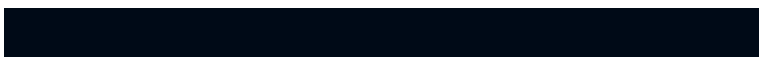
41.6454, 11.0636, -30.4309



28.8662, -1.8711, -0.6341



25.2426, 9.7024, -52.4957



5.3615, -0.4916, -5.6401

Inverse Universe

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



46.5374, 23.2352, -1.5521



58.0214, 38.6768, -2.6376



62.9561, -12.4402, 24.9492



28.4138, 1.4784, 0.8944



26.3558, 46.7267, 4.6928



4.5206, 8.2459, -0.9873

Previews

White Background



This preview shows how the HunterLab color 49.4422, -3.7114, -17.0086 looks on a white background.

Color Contrast Check

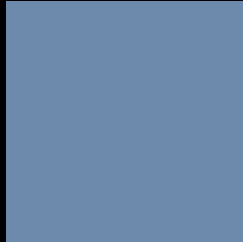
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.4422, -3.7114, -17.0086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

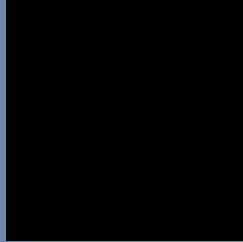
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

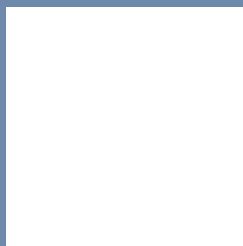
Any Text WCAG AAA × Fail

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

HunterLab 49.4422, -3.7114, -17.0086 Background



This preview shows how black text looks on a background with the HunterLab color 49.4422, -3.7114, -17.0086.



This preview shows how white text looks on a background with the HunterLab color 49.4422, -3.7114, -17.0086.

-17.0086.

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

49.4422, -3.7114, -17.0086

Protanopia

49.3843, 1.7172, -15.1980

Deuteranopia

49.4168, 3.5694, -17.5321



Tritanopia

49.5873, -10.7097, -5.6659

Trichromacy



Original Color

49.4422, -3.7114, -17.0086

Protanomaly

49.2558, -0.0913, -16.0273

Deuteranomaly

49.4458, 0.7928, -17.5347

Tritanomaly

49.6508, -8.4655, -9.2680

Monochromacy



Original Color

49.4422, -3.7114, -17.0086

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.7352, -3.5308, -4.1162

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4422, -3.7114, -17.0086 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(109, 138, 173)` looks like.

```
.text, #text, p{  
    color:rgb(109, 138, 173)  
}
```

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(109, 138, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 138, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4422, -3.7114, -17.0086 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(109, 138, 173) }
```


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

```
.border{ border-color:rgb(109, 138, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 138, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 138, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 138, 173);  
box-shadow:4px 4px 4px 4px rgb(109, 138,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4422, -3.7114, -17.0086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 138, 173) }
```

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

```
.background{ background-color: rgb(109,  
138, 173) }
```

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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