

Converting Colors

HunterLab(49.6016, -11.1645,
-16.8897)

Have a look what the booklet for
HunterLab(49.6016, -11.1645,
-16.8897) contains.

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Color

**HunterLab(49.5448,
-10.9673, -16.9743)**

Conversions

Conversions Part 1

Format	Color
Hex	548FAD
RGB	84, 143, 173
RGB Percent	33%, 56%, 68%
CMY	0.6706, 0.4392, 0.3216
CMYK	0.51, 0.17, 0.00, 0.32
HSL	200°, 35%, 50%
HSV	200°, 51%, 68%
XYZ	21.0215, 24.5469, 43.1653
YIQ	128.7790, -44.7940, -3.1780

Conversions

Conversions Part 2

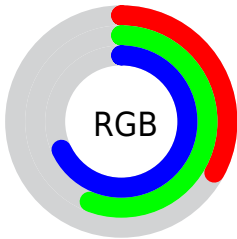
Format	Color
R _Y B	84, 119, 173
Decimal	5541805
CIE Lab	56.63, -10.69, -21.70
CIE LCh	57, 24.187, 243.766
Yxy	24.5478, 0.2369, 0.2766
Android (android.graphics.Color)	4283731885 (0xFF548FAD)
YUV	128.7790, 21.8010, -39.2712
Hunter-Lab	49.5448, -10.9673, -16.9743

Details

The HunterLab color $49.5448, -10.9673, -16.9743$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $46.4325, 14.2807, 18.1503$, and the grayscale version is $46.6975, -2.4917, 2.5372$.

A 20% lighter version of the original color is $71.4693, -13.2884, -17.6898$, and $30.6649, -8.5962, -16.2299$ is the 20% darker color. If you saturate the color by 10%, you get $47.0531, -10.9955, -21.0161$, and if you desaturate by 10%, it is $52.1956, -10.4118, -12.9289$.

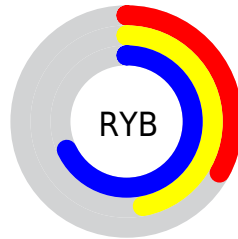
Distribution



Red (33%)

Green (56%)

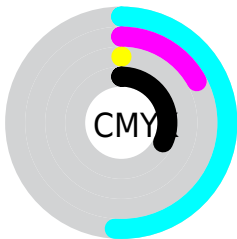
Blue (68%)



Red (33%)

Yellow (47%)

Blue (68%)

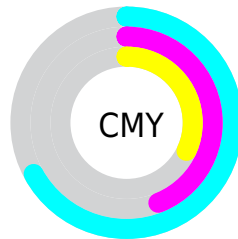


Cyan (51%)

Magenta (17%)

Yellow (0%)

Black (32%)



Cyan (67%)

Magenta (44%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5448, -10.9673, -16.9743 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 49.5448, -10.9673, -16.9743 by changing the saturation by 10% instead.

■ 49.5448, -10.9673,
-16.9743

■ 49.5448, -10.9673,
-16.9743

166.0055,
-21.5576, -17.8137

■ 39.6743, -9.8036,
-16.5868

■ 71.3601, -13.2789,
-17.5551

■ 30.5625, -8.6233,
-16.1406

■ 83.2220, -14.4367,
-17.7529

■ 22.2802, -7.4114,
-15.6524

■ 95.6768, -15.6000,
-17.8924

■ 14.9204, -6.1417,
-15.1796

■ 108.6975,
-16.7710, -17.9765

■ 8.5687, -5.8947,
-15.0811

122.2605,
-17.9513, -18.0081

0.0000, NaN, -NF

0.0000, NaN, NaN

136.3450,

-19.1419, -17.9898

0.0000, NaN, NaN

150.9322,
-20.3438, -17.9243

0.0000, NaN, NaN

■ 49.5448, -10.9673,
-16.9743

■ 49.5448, -10.9673,
-16.9743

■ 47.0531, -10.9955,
-21.0161

■ 52.1956, -10.4118,
-12.9289

■ 44.7260, -10.4597,
-25.0327

■ 54.9932, -9.3721,
-8.9022

■ 42.5700, -9.3374,
-28.9958

■ 57.9289, -7.8937,
-4.9073

■ 40.5861, -7.6306,
-32.8800

■ 60.9928, -6.0213,
-0.9538

■ 38.9965, -5.8183,
-36.1822

■ 64.1758, -3.7970,
2.9527

■ 67.4692, -1.2591,
6.8094

■ 70.8650, 1.5580,
10.6160

■ 74.3559, 4.6237,
14.3737

■ 77.9352, 7.9112,
18.0846

Harmonies

Analogous

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



49.5457, -17.8243, -8.7490



49.5448, -10.9673, -16.9743



49.5457, -1.3602, -19.5890

Triad

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



49.5457, -10.9674, -16.9734



49.5457, 18.3310, 3.8988



49.5457, -13.0162, 15.7623

Complementary

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



49.5448, -10.9673, -16.9743



46.4325, 14.2807, 18.1503

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.



49.5457, -3.9194, 17.8547



49.5448, -10.9673, -16.9743



49.5457, 14.6120, 11.9313

Square

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



49.5457, -10.9674, -16.9734



49.5457, 16.0682, -6.2147



49.5457, 6.2631, 16.6071



49.5457, -18.9387, 10.2097

Rectangle

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



49.5448, -10.9673, -16.9743



49.5457, 5.4521, -17.4392



49.5457, 6.2631, 16.6071



49.5457, -10.2557, 16.8367

Sweetspot

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



49.5457, -10.9674, -16.9734



80.0387, -9.0736, -3.2899



57.4282, -33.3031, 18.4698



36.9230, -4.4686, -2.0355



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.



49.5457, -10.9674, -16.9734



62.4428, -14.6500, -29.0102



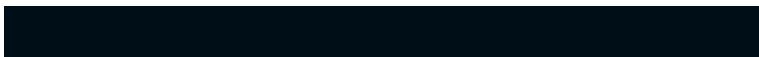
37.1416, 10.1951, -40.0467



29.3434, -2.6525, -0.0546



33.5864, -5.2402, -30.6681



6.3984, -2.0461, -3.5804

Inverse Universe

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



41.4836, 36.5363, -10.9408



50.6415, 59.8432, -16.7543



58.3401, -6.9715, 27.3019



28.4631, 1.7431, 0.1928



27.2797, 50.0714, -8.3728



4.6548, 8.7256, -2.8379

Previews

White Background



This preview shows how the HunterLab color 49.5448, -10.9673, -16.9743 looks on a white background.

Color Contrast Check

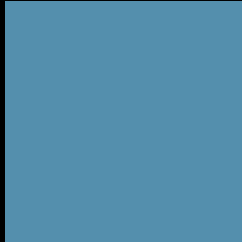
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.5448, -10.9673, -16.9743 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

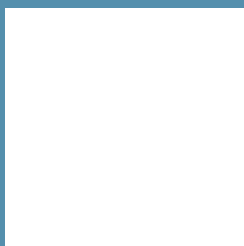
Any Text WCAG AAA × Fail

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

HunterLab 49.5448, -10.9673, -16.9743 Background



This preview shows how black text looks on a background with the HunterLab color 49.5448, -10.9673, -16.9743.



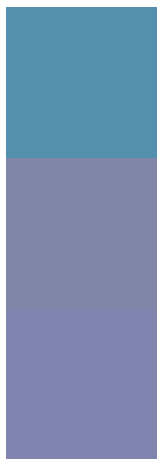
This preview shows how white text looks on a background with the HunterLab color 49.5448, -10.9673, -16.9743.

-10.9673, -16.9743.

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

49.5448, -10.9673, -16.9743

Protanopia

49.4261, 1.6318, -13.3706

Deuteranopia

49.3784, 3.5197, -18.2101



Tritanopia

49.6532, -16.4713, -7.7815

Trichromacy



Original Color

49.5448, -10.9673, -16.9743

Protanomaly

49.1941, -3.3996, -14.9858

Deuteranomaly

49.3222, -2.5646, -17.7899

Tritanomaly

49.6432, -14.4964, -11.0476

Monochromacy



Original Color

49.5448, -10.9673, -16.9743

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.5450, -6.4425, -4.2213

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5448, -10.9673, -16.9743 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(84, 143, 173)` looks like.

```
.text, #text, p{  
    color:rgb(84, 143, 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(84, 143, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 143, 173) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5448, -10.9673, -16.9743 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(84, 143, 173) }
```


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

```
.border{ border-color:rgb(84, 143, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 143, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 143, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 143, 173);  
box-shadow:4px 4px 4px 4px rgb(84, 143,  
173) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5448, -10.9673, -16.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 143, 173) }
```

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

```
.background{ background-color: rgb(84, 143,  
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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