

Converting Colors

HunterLab(46.5352, 12.2445,
-67.5335)

Have a look what the booklet for
HunterLab(46.5352, 12.2445,
-67.5335) contains.

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Color

**HunterLab(46.4772, 12.2952,
-67.5888)**

Conversions

Conversions Part 1

Format	Color
Hex	497CE7
RGB	73, 124, 231
RGB Percent	29%, 49%, 91%
CMY	0.7137, 0.5137, 0.0941
CMYK	0.68, 0.46, 0.00, 0.09
HSL	221°, 77%, 60%
HSV	221°, 68%, 91%
XYZ	24.3791, 21.6013, 78.4859
YIQ	120.9490, -64.7430, 22.4650

Conversions

Conversions Part 2

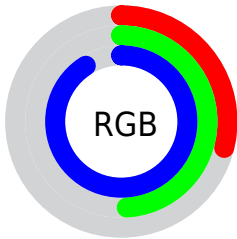
Format	Color
R _Y B	73, 112, 231
Decimal	4816103
CIE Lab	53.60, 17.68, -59.32
CIE LCh	54, 61.900, 286.596
Yxy	21.6020, 0.1959, 0.1736
Android (android.graphics.Color)	4283006183 (0xFF497CE7)
YUV	120.9490, 54.2551, -42.0513
Hunter-Lab	46.4772, 12.2952, -67.5888

Details

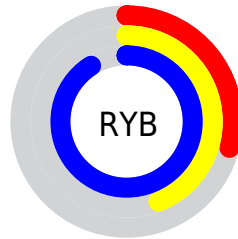
The HunterLab color $46.4772, 12.2952, -67.5888$ is a dark color, and the websafe version is hex $3366CC$. The color can be described as middle muted azure. A complement of this color would be $70.7931, 3.3974, 38.4013$, and the grayscale version is $43.5221, -2.3222, 2.3646$.

A 20% lighter version of the original color is $66.0220, 3.1295, -44.2238$, and $28.7472, 13.7866, -65.6928$ is the 20% darker color. If you saturate the color by 10%, you get $41.5281, 18.1706, -82.0299$, and if you desaturate by 10%, it is $51.8797, 7.5639, -54.3000$.

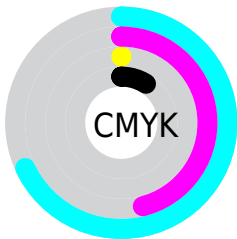
Distribution



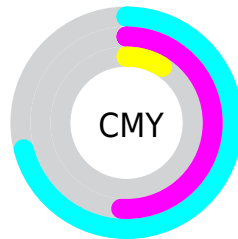
- Red (29%)
- Green (49%)
- Blue (91%)



- Red (29%)
- Yellow (44%)
- Blue (91%)



- Cyan (68%)
- Magenta (46%)
- Yellow (0%)
- Black (9%)



- Cyan (71%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4772, 12.2952, -67.5888 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 46.4772, 12.2952, -67.5888 by changing the saturation by 10% instead.

■ 46.4772, 12.2952,
-67.5888

■ 46.4772, 12.2952,
-67.5888

161.3879, 13.0379,
-74.1657

■ 36.8303, 11.8417,
-67.5154

■ 67.8876, 12.9268,
-68.6593

■ 27.9617, 11.2753,
-68.1223

■ 79.5638, 13.1235,
-69.4034

■ 19.9476, 10.5771,
-70.0843

■ 91.8420, 13.2516,
-70.2013

■ 12.8913, 9.7211,
-75.1132

■ 104.6939, 13.3168,
-71.0195

■ 6.3149, 11.8626,
-98.7594

118.0949, 13.3242,
-71.8366

0.0000, NaN, -NF

0.0000, NaN, -NF

132.0234, 13.2779,

-72.6389

0.0000, NaN, -NF

146.4602, 13.1815,
-73.4172

0.0000, NaN, NaN

■ 46.4772, 12.2952,
-67.5888

■ 46.4772, 12.2952,
-67.5888

■ 41.5281, 18.1706,
-82.0299

■ 51.8797, 7.5639,
-54.3000

■ 37.1190, 25.2560,
-97.4439

■ 57.6591, 3.8274,
-42.1439

■ 33.3327, 33.3951,
-113.3517

■ 63.7566, 0.9272,
-31.0027

■ 32.7743, 34.7421,
-115.9633

■ 70.1251, -1.2817,
-20.7321

■ 76.7281, -2.9213,
-11.1913

■ 83.5365, -4.0913,
-2.2553

■ 90.5269, -4.8716,
6.1821

■ 97.4056, -6.2852,
13.8926

■ 99.2721, -9.3380,
15.8546

Harmonies

Analogous

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



46.4779, -13.2647, -69.0897



46.4772, 12.2952, -67.5888



46.4779, 38.5602, -42.0189

Triad

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



46.4779, 12.2962, -67.5875



46.4779, 36.0361, 25.2006



46.4779, -41.0702, 12.0576

Complementary

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



46.4772, 12.2952, -67.5888



70.7931, 3.3974, 38.4013

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.



46.4779, -32.8936, 24.4622



46.4772, 12.2952, -67.5888



46.4779, 9.3822, 28.8236

Square

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



46.4779, 12.2962, -67.5875



46.4779, 54.1524, 13.9337



46.4779, -15.6180, 28.6550



46.4779, -40.6189, -12.7815

Rectangle

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



46.4772, 12.2952, -67.5888



46.4779, 51.3283, -19.9499



46.4779, -15.6180, 28.6550



46.4779, -39.3296, 17.4522

Sweetspot

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



46.4779, 12.2962, -67.5875



83.7997, -2.8254, -15.3494



78.6111, -48.1178, 15.6960



37.8179, -1.0787, -8.4631

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.4779, 12.2962, -67.5875



44.3792, 23.3749, -98.6390



36.3427, 44.4066, -100.1665



38.2659, -1.8425, -1.4673



24.9428, 24.9057, -84.9407



7.8954, 4.0371, -18.5835

Inverse Universe

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



48.1775, 60.0996, 7.2714



49.4036, 76.9118, 12.9024



84.0033, -30.4229, 46.7797



38.0056, 1.9101, 1.7617



31.3461, 54.6431, 12.7984



8.6175, 15.2079, 2.0782

Previews

White Background



This preview shows how the HunterLab color 46.4772, 12.2952, -67.5888 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 46.4772, 12.2952, -67.5888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

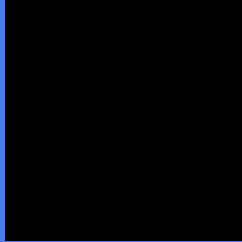
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

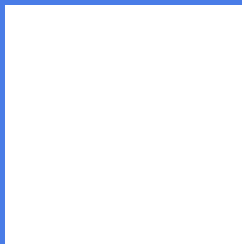
Any Text WCAG AAA × Fail

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

HunterLab 46.4772, 12.2952, -67.5888 Background



This preview shows how black text looks on a background with the HunterLab color 46.4772, 12.2952, -67.5888.



This preview shows how white text looks on a background with the HunterLab color 46.4772, 12.2952, -67.5888.

-67.5888.

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

46.4772, 12.2952, -67.5888

Protanopia

46.5625, 12.5646, -67.3547

Deuteranopia

46.6440, 4.1605, -66.3450



Tritanopia

46.2057, -21.8516, -10.5819

Trichromacy



Original Color

46.4772, 12.2952, -67.5888

Protanomaly

46.5195, 12.4289, -67.4725

Deuteranomaly

46.3590, 6.1282, -67.0710

Tritanomaly

45.7134, -11.8351, -28.7383

Monochromacy



Original Color

46.4772, 12.2952, -67.5888

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.0855, 0.1912, -18.1785

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4772, 12.2952, -67.5888 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(73, 124, 231)` looks like.

```
.text, #text, p{  
    color:rgb(73, 124, 231)  
}
```

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(73, 124, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 124, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4772, 12.2952, -67.5888 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(73, 124, 231) }
```


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

```
.border{ border-color:rgb(73, 124, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 124, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 124, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 124, 231);  
box-shadow:4px 4px 4px 4px rgb(73, 124,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.4772, 12.2952, -67.5888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 124, 231) }
```

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

```
.background{ background-color: rgb(73, 124,  
231) }
```

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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