

Converting Colors

HunterLab(47.6447, 12.7606,
-42.2939)

Have a look what the booklet for
HunterLab(47.6447, 12.7606,
-42.2939) contains.

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Color

**HunterLab(47.6179, 13.0012,
-42.3456)**

Conversions

Conversions Part 1

Format	Color
Hex	767CCD
RGB	118, 124, 205
RGB Percent	46%, 49%, 80%
CMY	0.5372, 0.5137, 0.1961
CMYK	0.42, 0.40, 0.00, 0.20
HSL	236°, 47%, 63%
HSV	236°, 42%, 80%
XYZ	25.6983, 22.6746, 60.7798
YIQ	131.4400, -29.5770, 23.9190

Conversions

Conversions Part 2

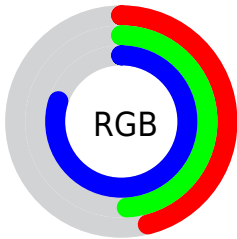
Format	Color
R _Y B	118, 124, 205
Decimal	7765197
CIE Lab	54.74, 18.42, -42.72
CIE LCh	55, 46.519, 293.326
Yxy	22.6755, 0.2354, 0.2077
Android (android.graphics.Color)	4285955277 (0xFF767CCD)
YUV	131.4400, 36.2651, -11.7869
Hunter-Lab	47.6179, 13.0012, -42.3456

Details

The HunterLab color $47.6179, 13.0012, -42.3456$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $74.2532, -12.4596, 31.8497$, and the grayscale version is $47.6853, -2.5444, 2.5908$.

A 20% lighter version of the original color is $68.7527, 12.1723, -39.0083$, and $28.7940, 12.0428, -41.4604$ is the 20% darker color. If you saturate the color by 10%, you get $41.3073, 18.6584, -57.1225$, and if you desaturate by 10%, it is $54.3376, 8.1249, -29.3973$.

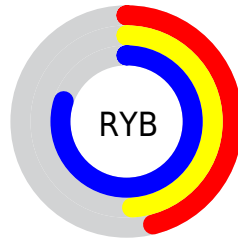
Distribution



Red (46%)

Green (49%)

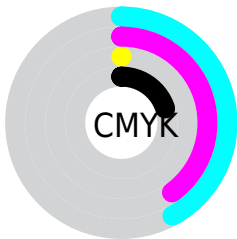
Blue (80%)



Red (46%)

Yellow (49%)

Blue (80%)

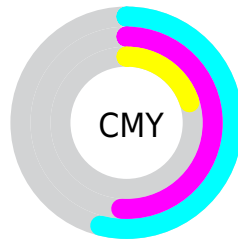


Cyan (42%)

Magenta (40%)

Yellow (0%)

Black (20%)



Cyan (54%)

Magenta (51%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6179, 13.0012, -42.3456 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 47.6179, 13.0012, -42.3456 by changing the saturation by 10% instead.

■ 47.6179, 13.0012,
-42.3456

■ 47.6179, 13.0012,
-42.3456

163.1115, 13.9520,
-47.7047

■ 37.8867, 12.5212,
-41.7391

■ 69.1808, 13.6817,
-43.7171

■ 28.9263, 11.9294,
-41.3155

■ 80.9269, 13.9027,
-44.4003

■ 20.8108, 11.2065,
-41.3112

■ 93.2715, 14.0545,
-45.0553

■ 13.6394, 10.3275,
-42.3253

106.1868, 14.1430,
-45.6731

■ 7.2412, 10.8092,
-48.7753

119.6487, 14.1731,
-46.2488

0.0000, NaN, -NF

133.6359, 14.1490,

0.0000, NaN, -NF

-46.7798

0.0000, NaN, NaN

148.1291, 14.0743,
-47.2652

0.0000, NaN, NaN

■ 47.6179, 13.0012,
-42.3456

■ 47.6179, 13.0012,
-42.3456

■ 41.3073, 18.6584,
-57.1225

■ 54.3376, 8.1249,
-29.3973

■ 35.5162, 25.2694,
-74.0927

■ 61.3854, 3.8583,
-17.8935

■ 30.4086, 32.9017,
-93.3015

■ 68.7067, 0.0607,
-7.5041

■ 26.2083, 41.2465,
-113.7920

■ 76.2614, -3.3763,
2.0284

■ 23.1762, 49.1966,
-132.6156

■ 84.0195, -6.5345,
10.9000

■ 21.7382, 53.7476,
-143.1965

■ 91.9581, -9.4753,
19.2588

■ 98.5839, -13.1500,
25.7801

Harmonies

Analogous

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



47.6188, -6.7652, -47.2541



47.6179, 13.0012, -42.3456



47.6188, 30.8926, -23.5674

Triad

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



47.6188, 13.0012, -42.3443



47.6188, 21.6162, 23.0544



47.6188, -33.9869, 6.5017

Complementary

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



47.6179, 13.0012, -42.3456



74.2532, -12.4596, 31.8497

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.



47.6188, -28.7207, 19.1789



47.6179, 13.0012, -42.3456



47.6188, 1.8309, 25.9657

Square

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



47.6188, 13.0012, -42.3443



47.6188, 36.3924, 14.5229



47.6188, -16.3188, 24.9008



47.6188, -31.9645, -13.5463

Rectangle

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



47.6179, 13.0012, -42.3456



47.6188, 38.3101, -8.6460



47.6188, -16.3188, 24.9008



47.6188, -33.0420, 11.6208

Sweetspot

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



47.6188, 13.0012, -42.3443



87.2411, 0.4146, -10.5316



71.8196, -27.5918, -0.2093



39.3823, 0.6775, -6.2072

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.6188, 13.0012, -42.3443



53.4820, 23.2670, -71.5191



49.2549, 25.6878, -38.7252



33.1151, -0.4757, -2.1092



17.3011, 41.7855, -111.8278



4.4588, 7.5108, -21.7868

Inverse Universe

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



52.3377, 28.7813, 11.1515



61.3461, 46.4652, 16.8459



73.0607, -26.6825, 30.6425



33.5052, 1.2642, 2.5458



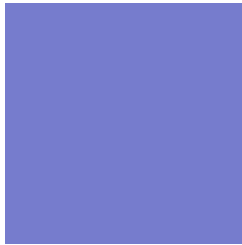
28.4696, 48.8434, 17.7112



6.5009, 11.2219, 3.5116

Previews

White Background



This preview shows how the HunterLab color 47.6179, 13.0012, -42.3456 looks on a white background.

Color Contrast Check

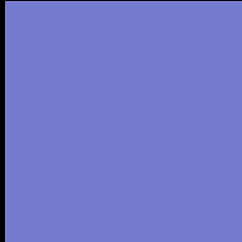
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.6179, 13.0012, -42.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

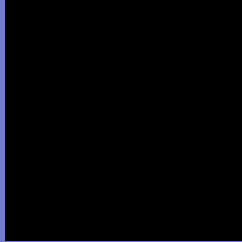
Any Text WCAG AA ✓ Pass

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 47.6179, 13.0012, -42.3456 Background



This preview shows how black text looks on a background with the HunterLab color 47.6179, 13.0012, -42.3456.



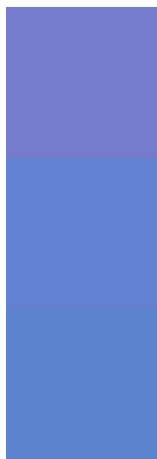
This preview shows how white text looks on a background with the HunterLab color 47.6179, 13.0012, -42.3456.

-42.3456.

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

47.6179, 13.0012, -42.3456

Protanopia

47.6981, 8.1518, -45.4472

Deuteranopia

47.8742, 3.9507, -41.1798



Tritanopia

47.5378, -9.3543, -5.2990

Trichromacy



Original Color

47.6179, 13.0012, -42.3456

Protanomaly

47.8107, 9.8099, -44.3699

Deuteranomaly

47.5634, 7.2002, -41.7768

Tritanomaly

47.4530, -2.1547, -17.0842

Monochromacy



Original Color

47.6179, 13.0012, -42.3456

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.2679, 2.2296, -11.4097

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6179, 13.0012, -42.3456 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(118, 124, 205)` looks like.

```
.text, #text, p{  
    color:rgb(118, 124, 205)  
}
```

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(118, 124, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 124, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6179, 13.0012, -42.3456 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(118, 124, 205) }
```


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

```
.border{ border-color:rgb(118, 124, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 124, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 124, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 124, 205);  
box-shadow:4px 4px 4px 4px rgb(118, 124,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6179, 13.0012, -42.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 124, 205) }
```

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

```
.background{ background-color: rgb(118,  
124, 205) }
```

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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