

Converting Colors

HunterLab(46.3574, 12.4362,
-38.3129)

Have a look what the booklet for
HunterLab(46.3574, 12.4362,
-38.3129) contains.

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Color

**HunterLab(46.3808, 12.2476,
-37.9661)**

Conversions

Conversions Part 1

Format	Color
Hex	7679C4
RGB	118, 121, 196
RGB Percent	46%, 47%, 77%
CMY	0.5372, 0.5255, 0.2314
CMYK	0.40, 0.38, 0.00, 0.23
HSL	238°, 40%, 62%
HSV	238°, 40%, 77%
XYZ	24.2724, 21.5118, 55.0974
YIQ	128.6530, -25.8630, 22.6890

Conversions

Conversions Part 2

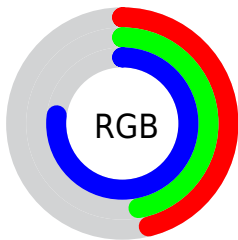
Format	Color
R _Y B	118, 121, 196
Decimal	7764420
CIE Lab	53.51, 17.63, -39.54
CIE LCh	54, 43.290, 294.031
Yxy	21.5126, 0.2406, 0.2132
Android (android.graphics.Color)	4285954500 (0xFF7679C4)
YUV	128.6530, 33.2021, -9.3427
Hunter-Lab	46.3808, 12.2476, -37.9661

Details

The HunterLab color $46.3808, 12.2476, -37.9661$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $71.5435, -12.6630, 29.6582$, and the grayscale version is $46.5991, -2.4864, 2.5318$.

A 20% lighter version of the original color is $67.7224, 13.0281, -39.3993$, and $28.0034, 11.1987, -36.7312$ is the 20% darker color. If you saturate the color by 10%, you get $40.1722, 17.7271, -52.0143$, and if you desaturate by 10%, it is $52.9783, 7.4762, -25.6710$.

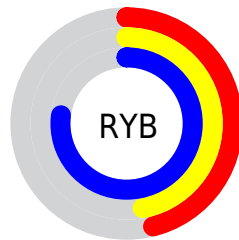
Distribution



Red (46%)

Green (47%)

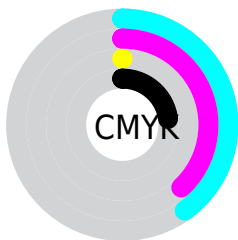
Blue (77%)



Red (46%)

Yellow (47%)

Blue (77%)

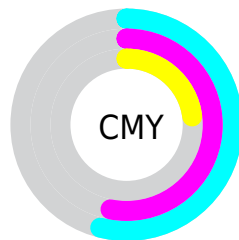


Cyan (40%)

Magenta (38%)

Yellow (0%)

Black (23%)



Cyan (54%)

Magenta (53%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.3808, 12.2476, -37.9661 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 46.3808, 12.2476, -37.9661 by changing the saturation by 10% instead.

■ 46.3808, 12.2476,
-37.9661

■ 46.3808, 12.2476,
-37.9661

161.2421, 12.9757,
-42.8825

■ 36.7412, 11.7945,
-37.3468

■ 67.7784, 12.8749,
-39.2940

■ 27.8804, 11.2297,
-36.8687

■ 79.4487, 13.0701,
-39.9352

■ 19.8750, 10.5329,
-36.7403

■ 91.7212, 13.1966,
-40.5403

■ 12.8286, 9.6782,
-37.5061

104.5677, 13.2604,
-41.1026

■ 6.2300, 11.9977,
-46.3773

117.9635, 13.2663,
-41.6188

0.0000, NaN, -NF

0.0000, NaN, -NF

131.8871, 13.2186,

-42.0875

0.0000, NaN, NaN

146.3190, 13.1207,
-42.5086

0.0000, NaN, NaN

■ 46.3808, 12.2476,
-37.9661

■ 46.3808, 12.2476,
-37.9661

■ 40.1722, 17.7271,
-52.0143

■ 52.9783, 7.4762,
-25.6710

■ 34.4576, 24.0802,
-68.2072

■ 59.8879, 3.2536,
-14.7438

■ 29.3951, 31.3813,
-86.6750

■ 67.0584, -0.5499,
-4.8634

■ 25.2049, 39.3569,
-106.6295

■ 74.4518, -4.0333,
4.2167

■ 22.1532, 46.9567,
-125.3001

■ 82.0399, -7.2708,
12.6826

■ 20.3964, 52.3021,
-138.3278

■ 89.8012, -10.3180,
20.6737

■ 20.3694, 52.3851,
-138.5443

■ 97.6987, -13.2873,
28.2754

■ 98.3695, -14.3431,
28.8863

Harmonies

Analogous

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



46.3817, -5.9713, -42.7321



46.3808, 12.2476, -37.9661



46.3817, 28.4846, -20.8636

Triad

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



46.3817, 12.2475, -37.9649



46.3817, 19.3060, 21.8571



46.3817, -31.7615, 5.7737

Complementary

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



46.3808, 12.2476, -37.9661



71.5435, -12.6630, 29.6582

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.



46.3817, -26.9821, 17.8257



46.3808, 12.2476, -37.9661



46.3817, 1.1233, 24.5914

Square

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



46.3817, 12.2475, -37.9649



46.3817, 32.9695, 13.8905



46.3817, -15.5672, 23.4586



46.3817, -29.7012, -12.7290

Rectangle

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



46.3808, 12.2476, -37.9661



46.3817, 35.0844, -7.3190



46.3817, -15.5672, 23.4586



46.3817, -30.9273, 10.5940

Sweetspot

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



46.3817, 12.2475, -37.9649



87.9170, 0.4417, -9.6204



68.6601, -24.6469, -1.2374



40.0781, 0.5126, -5.2521

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.3817, 12.2475, -37.9649



54.9112, 23.0404, -67.9126



48.7088, 23.2287, -33.1491



31.3188, -0.3287, -2.0707



16.4163, 41.6135, -110.3506



3.7191, 7.4322, -20.6925

Inverse Universe

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



51.0627, 24.9330, 10.8967



63.0402, 42.8941, 17.2287



69.5378, -24.9469, 27.7976



31.7554, 1.1368, 2.5183



27.4851, 47.1183, 17.3785



5.7324, 9.8657, 3.3265

Previews

White Background



This preview shows how the HunterLab color 46.3808, 12.2476, -37.9661 looks on a white background.

Color Contrast Check

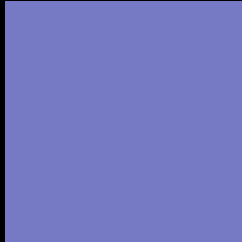
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.3808, 12.2476, -37.9661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

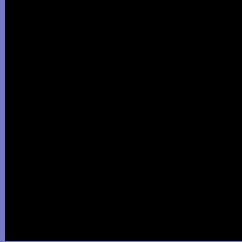
Any Text WCAG AA ✓ Pass

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 46.3808, 12.2476, -37.9661 Background



This preview shows how black text looks on a background with the HunterLab color 46.3808, 12.2476, -37.9661.



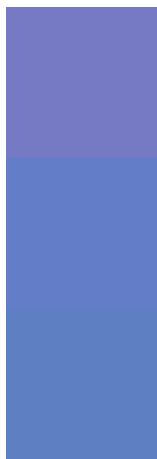
This preview shows how white text looks on a background with the HunterLab color 46.3808, 12.2476, -37.9661.

-37.9661.

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

46.3808, 12.2476, -37.9661

Protanopia

46.4184, 7.2690, -41.0659

Deuteranopia

46.4239, 3.9597, -37.2632



Tritanopia

46.3562, -7.8272, -4.8097

Trichromacy



Original Color

46.3808, 12.2476, -37.9661

Protanomaly

46.5453, 8.9740, -39.9897

Deuteranomaly

46.3583, 6.5763, -37.3510

Tritanomaly

46.2190, -1.0503, -15.3878

Monochromacy



Original Color

46.3808, 12.2476, -37.9661

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.4560, 1.9582, -9.8024

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.3808, 12.2476, -37.9661 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, 121, 196)` looks like.

```
.text, #text, p{  
    color:rgb(118, 121, 196)  
}
```

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, 121, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 121, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 46.3808, 12.2476, -37.9661 is called "border". The border property can be set on classes, ids or directly on the HTML element.

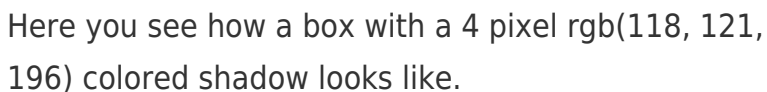
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 121, 196) }
```


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

```
.border{ border-color:rgb(118, 121, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 121, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 121, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 121, 196); box-shadow:4px 4px 4px 4px rgb(118, 121, 196) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.3808, 12.2476, -37.9661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 121, 196) }
```

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

```
.background{ background-color: rgb(118,  
121, 196) }
```

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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