

Converting Colors

HunterLab(42.4769, 13.0686,
-47.9854)

Have a look what the booklet for
HunterLab(42.4769, 13.0686,
-47.9854) contains.

HunterLab(42.4117, 13.3521, -48.3202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(42.4117, 13.3521,
-48.3202)**

Conversions

Conversions Part 1	
Format	Color
Hex	616FC6
RGB	97, 111, 198
RGB Percent	38%, 44%, 78%
CMY	0.6196, 0.5647, 0.2235
CMYK	0.51, 0.44, 0.00, 0.22
HSL	232°, 47%, 58%
HSV	232°, 51%, 78%
XYZ	20.8073, 17.9875, 55.8015
YIQ	116.7320, -36.2710, 24.0890

Conversions

Conversions Part 2

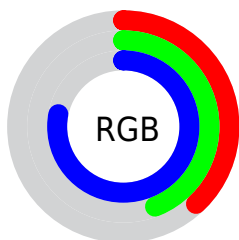
Format	Color
RYB	97, 109, 198
Decimal	6385606
CIELab	49.48, 19.10, -47.15
CIELCh	49, 50.873, 292.050
Yxy	17.9881, 0.2200, 0.1902
Android (android.graphics.Color)	4284575686 (0xFF616FC6)
YUV	116.7320, 40.0651, -17.3050
Hunter-Lab	42.4117, 13.3521, -48.3202

Details

The HunterLab color $42.4117, 13.3521, -48.3202$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $68.6671, -9.4596, 32.3808$, and the grayscale version is $41.9345, -2.2375, 2.2784$.

A 20% lighter version of the original color is $63.1134, 14.2975, -49.7360$, and $24.5831, 11.8319, -47.3199$ is the 20% darker color. If you saturate the color by 10%, you get $36.9585, 18.7232, -62.6072$, and if you desaturate by 10%, it is $48.2691, 8.8292, -35.7273$.

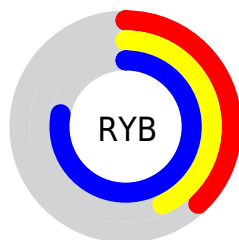
Distribution



Red (38%)

Green (44%)

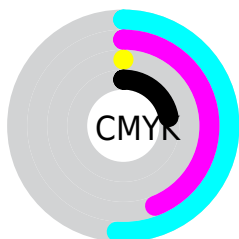
Blue (78%)



Red (38%)

Yellow (43%)

Blue (78%)

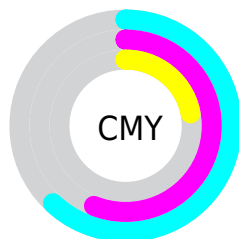


Cyan (51%)

Magenta (44%)

Yellow (0%)

Black (22%)



Cyan (62%)

Magenta (56%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 42.4117, 13.3521, -48.3202 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 42.4117, 13.3521, -48.3202 by changing the saturation by 10% instead.


 42.4117, 13.3521,
-48.3202


 42.4117, 13.3521,
-48.3202


155.1787, 14.8675,
-54.2584


 33.0779, 12.7812,
-47.8998


 63.2591, 14.1906,
-49.6297


 24.5509, 12.0868,
-47.8914

 74.6781, 14.4811,
-50.3581

 16.9169, 11.2475,
-48.7963

 86.7119, 14.6975,
-51.0847

 10.2957, 10.2384,
-52.0241

 99.3305, 14.8465,
-51.7912

0.0000, INF, -NF

0.0000, NaN, -NF

112.5081, 14.9338,
-52.4669

0.0000, NaN, -NF

126.2217, 14.9638,

0.0000, NaN, NaN

-53.1055

0.0000, NaN, NaN

140.4512, 14.9406,
-53.7032

■ 42.4117, 13.3521,
-48.3202

■ 42.4117, 13.3521,
-48.3202

■ 36.9585, 18.7232,
-62.6072

■ 48.2691, 8.8292,
-35.7273

■ 32.0177, 25.0845,
-78.7662

■ 54.4498, 4.9871,
-24.5367

■ 27.7419, 32.4280,
-96.5210


■ 60.8984, 1.6802,
-14.4608

■ 24.3220, 40.3292,
-114.5454


■ 67.5737, -1.2080,
-5.2597


■ 22.0940, 46.9354,
-128.9358

■ 74.4452, -3.7672,
3.2565

 81.4894, -6.0660,
11.2351

 88.6881, -8.1566,
18.7895

 95.9866, -10.2207,
25.9665

 98.4161, -14.0835,
28.2106

Harmonies

Analogous

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



42.4124, -7.5136, -53.1411



42.4117, 13.3521, -48.3202



42.4124, 32.9835, -27.3433

Triad

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



42.4124, 13.3524, -48.3190



42.4124, 24.4127, 22.3527



42.4124, -34.3305, 7.1153

Complementary

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



42.4117, 13.3521, -48.3202



68.6671, -9.4596, 32.3808

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.



42.4124, -28.7926, 19.3455



42.4117, 13.3521, -48.3202



42.4124, 3.2513, 25.0401

Square

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



42.4124, 13.3524, -48.3190



42.4124, 40.1575, 13.9858



42.4124, -15.9062, 24.2812



42.4124, -32.6389, -14.0698

Rectangle

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



42.4117, 13.3521, -48.3202



42.4124, 41.4593, -10.7555



42.4124, -15.9062, 24.2812



42.4124, -33.2960, 12.2046

Sweetspot

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



42.4124, 13.3524, -48.3190



86.1412, -0.0462, -12.0384



68.0756, -30.8826, 2.4598



38.9741, 0.3600, -6.7836

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.4124, 13.3524, -48.3190



48.5537, 25.6271, -85.1605



41.9066, 29.0585, -49.2573



32.4355, -0.7763, -1.8114



18.0256, 37.0568, -102.5254



4.8265, 5.1477, -17.1451

Inverse Universe

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



46.5874, 35.0777, 10.1810



56.2582, 57.6415, 16.6087



70.0011, -27.1710, 33.0789



32.6504, 1.3191, 2.2171



28.0500, 48.2515, 16.4577



6.1687, 10.7399, 2.6236

Previews

White Background



This preview shows how the HunterLab color 42.4117, 13.3521, -48.3202 looks on a white background.

Color Contrast Check

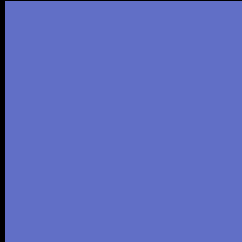
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.4117, 13.3521, -48.3202 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 42.4117, 13.3521, -48.3202 Background



This preview shows how black text looks on a background with the HunterLab color 42.4117, 13.3521, -48.3202.

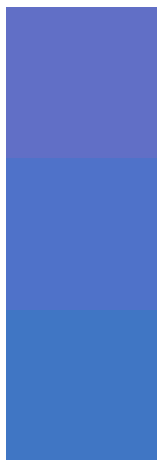


This preview shows how white text looks on a background with the HunterLab color 42.4117, 13.3521, -48.3202.

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

42.4117, 13.3521, -48.3202

Protanopia

42.3249, 9.3697, -51.1632

Deuteranopia

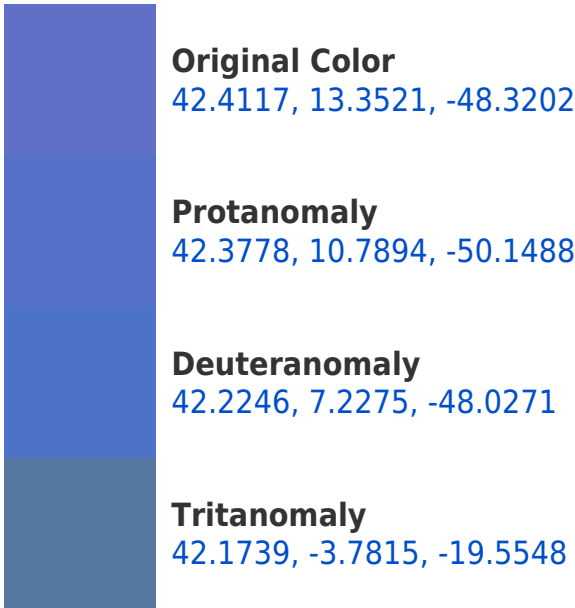
42.4645, 3.6898, -46.6861



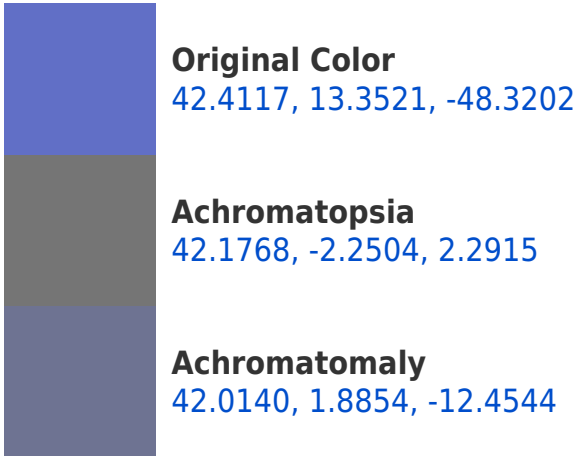
Tritanopia

42.4197, -12.0941, -6.1106

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.4117, 13.3521, -48.3202 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(97, 111, 198)` looks like.

```
.text, #text, p{  
    color:rgb(97, 111, 198)  
}
```

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(97, 111, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 111, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 42.4117, 13.3521, -48.3202 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(97, 111, 198) }
```


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

```
.border{ border-color:rgb(97, 111, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 111, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 111, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 111, 198);  
box-shadow:4px 4px 4px 4px rgb(97, 111,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.4117, 13.3521, -48.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 111, 198) }
```

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

```
.background{ background-color: rgb(97, 111,  
198) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor