

Converting Colors

HunterLab(41.7581, 16.3700,
-58.9080)

Have a look what the booklet for
HunterLab(41.7581, 16.3700,
-58.9080) contains.

HunterLab(41.7169, 16.2842, -58.8212)	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(41.7169, 16.2842,
-58.8212)**

Conversions

Conversions Part 1

Format	Color
Hex	596CD0
RGB	89, 108, 208
RGB Percent	35%, 42%, 82%
CMY	0.6510, 0.5765, 0.1843
CMYK	0.57, 0.48, 0.00, 0.18
HSL	230°, 56%, 58%
HSV	230°, 57%, 82%
XYZ	20.8675, 17.4030, 61.9337
YIQ	113.7190, -43.4240, 27.0720

Conversions

Conversions Part 2

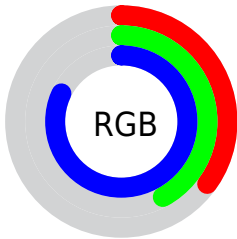
Format	Color
R_{YB}	89, 105, 208
Decimal	5860560
CIE _{Lab}	48.76, 22.48, -54.05
CIE _{LCh}	49, 58.538, 292.584
Yxy	17.4035, 0.2083, 0.1737
Android (android.graphics.Color)	4284050640 (0xFF596CD0)
YUV	113.7190, 46.4805, -21.6786
Hunter-Lab	41.7169, 16.2842, -58.8212

Details

The HunterLab color $41.7169, 16.2842, -58.8212$ is a dark color, and the websafe version is hex $6666CC$. The color can be described as middle muted azure. A complement of this color would be $71.0836, -8.8476, 35.7623$, and the grayscale version is $40.7526, -2.1745, 2.2142$.

A 20% lighter version of the original color is $61.8218, 14.4680, -52.3857$, and $23.9561, 14.8210, -59.5662$ is the 20% darker color. If you saturate the color by 10%, you get $36.3194, 22.3689, -74.6452$, and if you desaturate by 10%, it is $47.5877, 11.1939, -44.8302$.

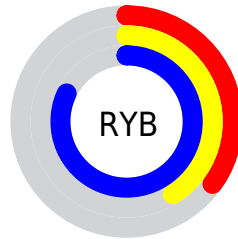
Distribution



Red (35%)

Green (42%)

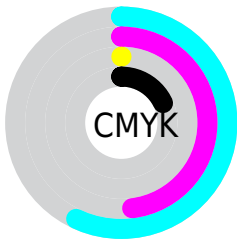
Blue (82%)



Red (35%)

Yellow (41%)

Blue (82%)

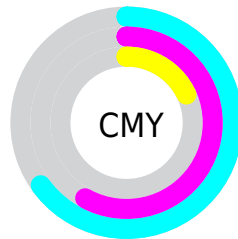


Cyan (57%)

Magenta (48%)

Yellow (0%)

Black (18%)



Cyan (65%)

Magenta (58%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.7169, 16.2842, -58.8212 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 41.7169, 16.2842, -58.8212 by changing the saturation by 10% instead.

■ 41.7169, 16.2842,
-58.8212

■ 41.7169, 16.2842,
-58.8212

154.1062, 19.1024,
-65.1376

■ 32.4386, 15.5361,
-58.7088

■ 62.4646, 17.4539,
-59.9258

■ 23.9725, 14.6560,
-59.2916

■ 73.8383, 17.8991,
-60.6607

■ 16.4066, 13.6249,
-61.3616

■ 85.8291, 18.2640,
-61.4347

■ 9.8641, 12.4298,
-67.1742

■ 98.4067, 18.5560,
-62.2169

0.0000, INF, -NF

0.0000, NaN, -NF

111.5449, 18.7810,
-62.9882

0.0000, NaN, -NF

125.2208, 18.9444,

0.0000, NaN, -NF

-63.7366

0.0000, NaN, NaN

139.4140, 19.0502,
-64.4547

■ 41.7169, 16.2842,
-58.8212

■ 41.7169, 16.2842,
-58.8212

■ 36.3194, 22.3689,
-74.6452

■ 47.5877, 11.1939,
-44.8302

■ 31.5256, 29.5435,
-92.2867

■ 53.8340, 6.9237,
-32.4292

■ 27.5097, 37.6371,
-111.0035

■ 60.3878, 3.3067,
-21.3215

■ 24.4602, 45.8865,
-128.7722

■ 67.1990, 0.2036,
-11.2401

■ 23.7763, 47.9914,
-133.3178

■ 74.2306, -2.4951,
-1.9670

■ 81.4548, -4.8733,
6.6702

■ 88.8499, -6.9953,
14.8051

■ 96.3586, -9.0514,
22.4990

■ 98.6580, -12.7380,
24.7072

Harmonies

Analogous

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



41.7176, -7.8211, -65.3477



41.7169, 16.2842, -58.8212



41.7176, 39.3520, -32.5317

Triad

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



41.7176, 16.2849, -58.8200



41.7176, 28.4183, 23.8483



41.7176, -37.8359, 7.3762

Complementary

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



41.7169, 16.2842, -58.8212



71.0836, -8.8476, 35.7623

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.



41.7176, -32.0290, 20.6789



41.7169, 16.2842, -58.8212



41.7176, 3.6758, 26.2211

Square

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



41.7176, 16.2849, -58.8200



41.7176, 47.3556, 15.4817



41.7176, -17.9873, 25.5030



41.7176, -35.8928, -17.4896

Rectangle

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



41.7169, 16.2842, -58.8212



41.7176, 49.3225, -12.4997



41.7176, -17.9873, 25.5030



41.7176, -36.7785, 13.0630

Sweetspot

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



41.7176, 16.2849, -58.8200



84.6192, 0.2532, -14.1423



71.3261, -35.2992, 3.7054



38.3312, 0.4636, -7.6947

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.7176, 16.2849, -58.8200



44.0776, 30.3854, -99.5671



40.4243, 35.0631, -62.0016



34.2318, -0.9095, -1.8607



19.0160, 36.9801, -103.5977



5.4780, 5.6452, -19.0334

Inverse Universe

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



46.5171, 42.5099, 11.3245



52.8428, 65.2773, 18.0548



73.6173, -30.4373, 37.2169



34.4072, 1.4430, 2.2556



29.0453, 50.0113, 16.6731



6.9397, 12.0900, 2.8900

Previews

White Background



This preview shows how the HunterLab color 41.7169, 16.2842, -58.8212 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 41.7169, 16.2842, -58.8212 looks on a black 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

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

HunterLab 41.7169, 16.2842, -58.8212 Background



This preview shows how black text looks on a background with the HunterLab color 41.7169, 16.2842, -58.8212.



This preview shows how white text looks on a background with the HunterLab color 41.7169, 16.2842, -58.8212.

-58.8212.

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

41.7169, 16.2842, -58.8212

Protanopia

41.7919, 11.6801, -62.4104

Deuteranopia

41.7613, 3.8918, -57.1008



Tritanopia

41.6859, -14.8422, -7.1747

Trichromacy



Original Color

41.7169, 16.2842, -58.8212

Protanomaly

41.8663, 13.1410, -61.2482

Deuteranomaly

41.5252, 7.4783, -58.5670

Tritanomaly

41.4028, -4.6942, -23.5203

Monochromacy



Original Color

41.7169, 16.2842, -58.8212

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.9020, 2.4591, -15.3657

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.7169, 16.2842, -58.8212 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(89, 108, 208)` looks like.

```
.text, #text, p{  
    color:rgb(89, 108, 208)  
}
```

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(89, 108, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 108, 208) }
```

Border

The CSS property to change the border of an element to HunterLab 41.7169, 16.2842, -58.8212 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(89, 108, 208) }
```


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

```
.border{ border-color:rgb(89, 108, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 108, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 108, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 108, 208);  
box-shadow:4px 4px 4px 4px rgb(89, 108,  
208) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.7169, 16.2842, -58.8212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 108, 208) }
```

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

```
.background{ background-color: rgb(89, 108,  
208) }
```

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