

Converting Colors

HunterLab(58.2440, 16.9137,
-15.8492)

Have a look what the booklet for
HunterLab(58.2440, 16.9137,
-15.8492) contains.

HunterLab(58.1800, 16.8742, -15.8670)	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(58.1800, 16.8742,
-15.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	B491C2
RGB	180, 145, 194
RGB Percent	71%, 57%, 76%
CMY	0.2941, 0.4314, 0.2392
CMYK	0.07, 0.25, 0.00, 0.24
HSL	283°, 29%, 66%
HSV	283°, 25%, 76%
XYZ	38.6854, 33.8491, 55.5335
YIQ	161.0510, 5.1310, 22.6590

Conversions

Conversions Part 2

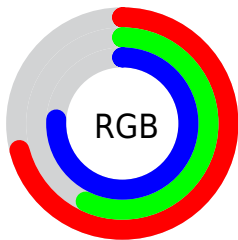
Format	Color
RYB	180, 145, 194
Decimal	11833794
CIELab	64.84, 22.08, -20.41
CIELCh	65, 30.070, 317.255
Yxy	33.8506, 0.3021, 0.2643
Android (android.graphics.Color)	4290023874 (0xFFB491C2)
YUV	161.0510, 16.2439, 16.6183
Hunter-Lab	58.1800, 16.8742, -15.8670

Details

The HunterLab color $58.1800, 16.8742, -15.8670$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69.2818, -21.5303, 19.3881$, and the grayscale version is $59.6554, -3.1831, 3.2412$.

A 20% lighter version of the original color is $81.0214, 17.7802, -16.5510$, and $37.9617, 15.8010, -15.0823$ is the 20% darker color. If you saturate the color by 10%, you get $52.6945, 25.3491, -24.5139$, and if you desaturate by 10%, it is $64.0101, 8.5197, -7.6838$.

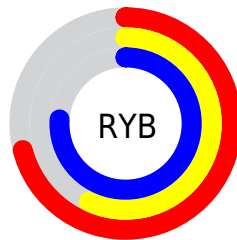
Distribution



Red (71%)

Green (57%)

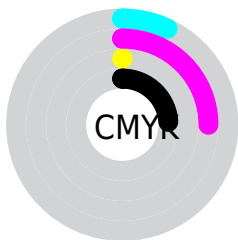
Blue (76%)



Red (71%)

Yellow (57%)

Blue (76%)

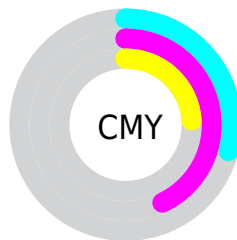


Cyan (7%)

Magenta (25%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (43%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.1800, 16.8742, -15.8670 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 58.1800, 16.8742, -15.8670 by changing the saturation by 10% instead.

■ 58.1800, 16.8742,
-15.8670

■ 58.1800, 16.8742,
-15.8670

178.7359, 18.5599,
-15.9557

■ 47.7272, 16.3189,
-15.5713

■ 81.0563, 17.7126,
-16.2626

■ 37.9872, 15.6604,
-15.2109

■ 93.4071, 18.0160,
-16.3713

■ 29.0182, 14.8822,
-14.7875

106.3285, 18.2508,
-16.4245

■ 20.8931, 13.9657,
-14.3171

119.7961, 18.4225,
-16.4252

■ 13.7109, 12.8909,
-13.8562

133.7887, 18.5356,
-16.3762

■ 7.3228, 13.1739,
-14.5884

148.2874, 18.5940,

0.0000, NaN, -NF

-16.2801

0.0000, NaN, NaN

163.2749, 18.6011,
-16.1393

0.0000, NaN, NaN

■ 58.1800, 16.8742,
-15.8670

■ 58.1800, 16.8742,
-15.8670

■ 52.6945, 25.3491,
-24.5139

■ 64.0101, 8.5197,
-7.6838

■ 47.6139, 33.8543,
-33.6233

■ 70.1302, 0.3240,
0.0694

■ 43.0182, 42.1907,
-43.0991

■ 76.5010, -7.7121,
7.4478

■ 38.9992, 50.0031,
-52.6881

■ 83.0903, -15.6016,
14.5070

■ 35.6544, 56.7439,
-61.9104

■ 89.8726, -23.3633,
21.2987

■ 33.0664, 61.7267,
-70.0607

■ 94.6573, -27.9649,
25.8685

■ 31.2653, 64.3583,
-76.3965

■ 95.1023, -26.3134,
26.3212

■ 30.5732, 65.0973,
-79.0012

■ 95.5602, -24.6226,
26.7855

■ 96.0310, -22.8934,
27.2611

Harmonies

Analogous

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



58.1812, 4.6679, -25.1583



58.1800, 16.8742, -15.8670



58.1812, 23.9729, -2.4550

Triad

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



58.1812, 16.8728, -15.8657



58.1812, 2.6379, 22.2374



58.1812, -25.5551, -4.5147

Complementary

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



58.1800, 16.8742, -15.8670



69.2818, -21.5303, 19.3881

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.



58.1812, -25.9925, 8.2785



58.1800, 16.8742, -15.8670



58.1812, -10.4949, 21.9271

Square

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



58.1812, 16.8728, -15.8657



58.1812, 15.2722, 18.3397



58.1812, -20.7094, 17.3680



58.1812, -19.4556, -17.6621

Rectangle

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



58.1800, 16.8742, -15.8670



58.1812, 24.4731, 6.1539



58.1812, -20.7094, 17.3680



58.1812, -26.3484, 0.0128

Sweetspot

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



58.1812, 16.8728, -15.8657



91.9941, 3.5807, -2.8476



59.1219, -1.0076, -14.7716



42.4551, 2.4651, -2.0760

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



58.1812, 16.8728, -15.8657



74.3950, 28.6510, -27.3515



59.3217, 19.6989, -8.5353



31.7778, 1.7274, -1.4433



24.8772, 52.8967, -63.7206



5.4856, 11.4113, -12.0907

Inverse Universe

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



58.5019, 15.4968, 3.0756



74.9700, 26.4405, 4.2375



68.5303, -23.8942, 15.0555



31.8185, 1.4768, 1.6169



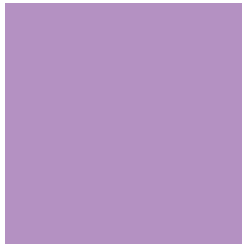
27.8159, 48.3419, 12.4987



5.8870, 10.4343, 1.0710

Previews

White Background



This preview shows how the HunterLab color 58.1800, 16.8742, -15.8670 looks on a white background.

Color Contrast Check

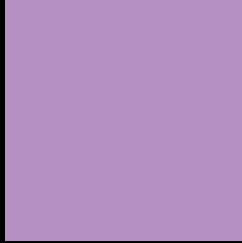
Large Text (above 18pt) WCAG AA × Fail

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 58.1800, 16.8742, -15.8670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

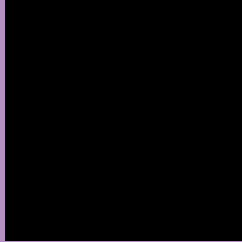
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 58.1800, 16.8742, -15.8670 Background



This preview shows how black text looks on a background with the HunterLab color 58.1800, 16.8742, -15.8670.



This preview shows how white text looks on a background with the HunterLab color 58.1800, 16.8742, -15.8670.

-15.8670.

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

58.1800, 16.8742, -15.8670

Protanopia

58.4399, 2.8121, -20.6303

Deuteranopia

58.2113, 4.1902, -14.8504



Tritanopia

58.2164, 6.5299, 0.6977

Trichromacy



Original Color

58.1800, 16.8742, -15.8670

Protanomaly

58.1800, 7.5235, -19.0818

Deuteranomaly

58.2031, 8.5575, -15.3800

Tritanomaly

58.2220, 10.0730, -4.7265

Monochromacy



Original Color

58.1800, 16.8742, -15.8670

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

58.9785, 3.9648, -3.3323

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.1800, 16.8742, -15.8670 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(180, 145, 194)` looks like.

```
.text, #text, p{  
    color:rgb(180, 145, 194)  
}
```

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(180, 145, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 145, 194) }
```

Border

The CSS property to change the border of an element to HunterLab 58.1800, 16.8742, -15.8670 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(180, 145, 194) }
```


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

```
.border{ border-color:rgb(180, 145, 194) }
```

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

Here you see how a box with a 4 pixel rgb(180, 145, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 145, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 145, 194);  
box-shadow:4px 4px 4px 4px rgb(180, 145,  
194) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.1800, 16.8742, -15.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 145, 194) }
```

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

```
.background{ background-color: rgb(180,  
145, 194) }
```

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