

Converting Colors

HunterLab(67.1823, 5.2203,
-16.4450)

Have a look what the booklet for
HunterLab(67.1823, 5.2203,
-16.4450) contains.

HunterLab(67.1823, 5.2203, -16.4450)	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(67.1823, 5.2203,
-16.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	B2AFD9
RGB	178, 175, 217
RGB Percent	70%, 69%, 85%
CMY	0.3020, 0.3137, 0.1490
CMYK	0.18, 0.19, 0.00, 0.15
HSL	244°, 36%, 77%
HSV	244°, 19%, 85%
XYZ	46.2144, 45.1346, 71.9217
YIQ	180.6850, -11.6940, 13.6980

Conversions

Conversions Part 2

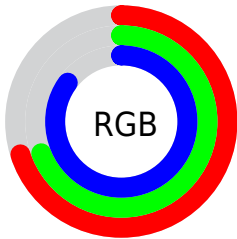
Format	Color
RYB	178, 175, 217
Decimal	11710425
CIELab	72.98, 9.63, -20.76
CIELCh	73, 22.890, 294.892
Yxy	45.1365, 0.2831, 0.2764
Android (android.graphics.Color)	4289900505 (0xFFB2AFD9)
YUV	180.6850, 17.9033, -2.3547
Hunter-Lab	67.1823, 5.2203, -16.4450

Details

The HunterLab color $67.1823, 5.2203, -16.4450$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $81.8646, -11.8186, 20.8627$, and the grayscale version is $67.7768, -3.6164, 3.6824$.

A 20% lighter version of the original color is $90.1699, 1.1218, -6.6262$, and $45.9723, 5.2102, -15.6656$ is the 20% darker color. If you saturate the color by 10%, you get $59.2839, 10.7795, -28.9338$, and if you desaturate by 10%, it is $75.3887, 0.0770, -5.1725$.

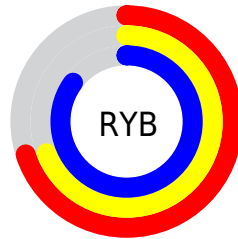
Distribution



Red (70%)

Green (69%)

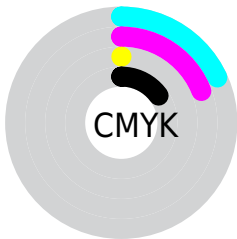
Blue (85%)



Red (70%)

Yellow (69%)

Blue (85%)

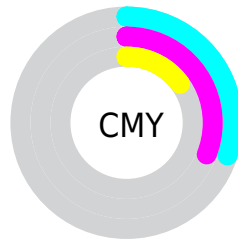


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (30%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.1823, 5.2203, -16.4450 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 67.1823, 5.2203, -16.4450 by changing the saturation by 10% instead.

■ 67.1823, 5.2203,
-16.4450

■ 67.1823, 5.2203,
-16.4450

191.6575, 2.0988,
-16.2609

■ 56.1827, 5.3233,
-16.1909

■ 91.0633, 4.8389,
-16.7646

■ 45.8578, 5.3616,
-15.8732

103.8803, 4.5724,
-16.8392

■ 36.2567, 5.3254,
-15.4902

117.2479, 4.2599,
-16.8606

■ 27.4387, 5.2029,
-15.0473

131.1443, 3.9044,
-16.8317

■ 19.4807, 4.9773,
-14.5668

145.5500, 3.5085,
-16.7550

■ 12.4881, 4.6231,
-14.1247

160.4477, 3.0743,

■ 5.7453, 7.0005,

-16.6329

-17.4747

175.8217, 2.6039,
-16.4675

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.1823, 5.2203,
-16.4450

■ 67.1823, 5.2203,
-16.4450

■ 59.2839, 10.7795,
-28.9338

■ 75.3887, 0.0770,
-5.1725

■ 51.7521, 16.8877,
-43.0230

■ 83.8539, -4.7487,
5.1711

■ 44.6777, 23.6947,
-59.1717

■ 92.5458, -9.3350,
14.8062

■ 38.1917, 31.3297,
-77.8295

■ 98.8887, -11.4582,
21.3751

■ 32.4860, 39.7615,

-99.0968

■ 27.8286, 48.4651,
-121.8660

■ 24.5337, 55.9719,
-142.5485

■ 22.7102, 60.6063,
-156.3289

■ 22.6176, 60.8827,
-157.0834

Harmonies

Analogous

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



67.1837, -5.3956, -18.6951



67.1823, 5.2203, -16.4450



67.1837, 13.9350, -8.4933

Triad

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



67.1837, 5.2191, -16.4436



67.1837, 8.5559, 17.6789



67.1837, -22.7307, 5.3624

Complementary

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



67.1823, 5.2203, -16.4450



81.8646, -11.8186, 20.8627

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.



67.1837, -19.4815, 13.8912



67.1823, 5.2203, -16.4450



67.1837, -1.7618, 20.2620

Square

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



67.1837, 5.2191, -16.4436



67.1837, 15.9437, 11.3259



67.1837, -11.9643, 18.9910



67.1837, -21.1161, -5.0383

Rectangle

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



67.1823, 5.2203, -16.4450



67.1837, 17.2710, -1.6021



67.1837, -11.9643, 18.9910



67.1837, -22.1773, 8.5225

Sweetspot

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



67.1837, 5.2191, -16.4436



93.8232, -1.8555, -2.0048



78.9425, -15.3649, -0.9288



43.0988, -0.6798, -1.3120

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.1837, 5.2191, -16.4436



76.9489, 8.7726, -25.3271



69.1276, 11.6370, -13.5042



35.5828, 0.0565, -2.4872



17.6453, 47.4043, -121.8222



4.6649, 12.2003, -29.6325

Inverse Universe

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



70.9003, 17.1234, -9.2138



82.3718, 25.8335, -14.3718



80.0535, -18.3591, 18.9677



36.4115, 2.8147, -1.0118



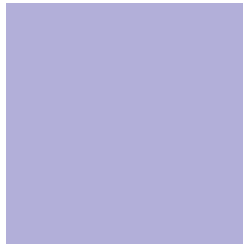
33.9173, 65.6731, -36.9092



8.6613, 16.8147, -9.7666

Previews

White Background



This preview shows how the HunterLab color 67.1823, 5.2203, -16.4450 looks on a white background.

Color Contrast Check

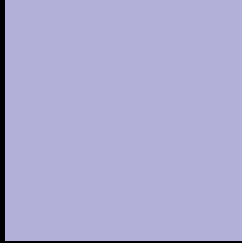
Large Text (above 18pt) WCAG AA × Fail

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 67.1823, 5.2203, -16.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

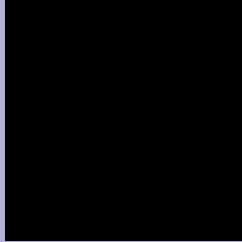
Any Text WCAG AA ✓ Pass

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 67.1823, 5.2203, -16.4450 Background



This preview shows how black text looks on a background with the HunterLab color 67.1823, 5.2203, -16.4450.



This preview shows how white text looks on a background with the HunterLab color 67.1823, 5.2203, -16.4450.

-16.4450.

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

67.1823, 5.2203, -16.4450

Protanopia

67.1601, 2.3003, -17.7404

Deuteranopia

67.1823, 5.2203, -16.4450



Tritanopia

67.1484, -2.6682, -3.2178

Trichromacy



Original Color

67.1823, 5.2203, -16.4450

Protanomaly

67.0797, 3.4573, -17.2323

Deuteranomaly

67.1823, 5.2203, -16.4450

Tritanomaly

67.2451, -0.1914, -7.8341

Monochromacy



Original Color

67.1823, 5.2203, -16.4450

Achromatopsia

67.9762, -3.6270, 3.6933

Achromatomaly

67.7042, -0.6846, -2.9889

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.1823, 5.2203, -16.4450 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(178, 175, 217)` looks like.

```
.text, #text, p{  
    color:rgb(178, 175, 217)  
}
```

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(178, 175, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 175, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 67.1823, 5.2203, -16.4450 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(178, 175, 217) }
```


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

```
.border{ border-color:rgb(178, 175, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 175, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 175, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 175, 217);  
box-shadow:4px 4px 4px 4px rgb(178, 175,  
217) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.1823, 5.2203, -16.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 175, 217) }
```

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

```
.background{ background-color: rgb(178,  
175, 217) }
```

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