

Converting Colors

HunterLab(67.0946, 4.9263,
-16.5800)

Have a look what the booklet for
HunterLab(67.0946, 4.9263,
-16.5800) contains.

HunterLab(67.0946, 4.9263, -16.5800)	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(67.0946, 4.9263,
-16.5800)**

Conversions

Conversions Part 1

Format	Color
Hex	B1AFD9
RGB	177, 175, 217
RGB Percent	69%, 69%, 85%
CMY	0.3059, 0.3137, 0.1490
CMYK	0.18, 0.19, 0.00, 0.15
HSL	243°, 36%, 77%
HSV	243°, 19%, 85%
XYZ	45.9859, 45.0169, 71.9111
YIQ	180.3860, -12.2900, 13.4860

Conversions

Conversions Part 2

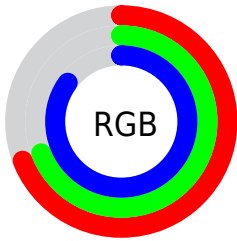
Format	Color
R_{YB}	177, 175, 217
Decimal	11644889
CIE Lab	72.90, 9.32, -20.89
CIE LCh	73, 22.873, 294.044
Yxy	45.0187, 0.2823, 0.2763
Android (android.graphics.Color)	4289834969 (0xFFB1AFD9)
YUV	180.3860, 18.0507, -2.9695
Hunter-Lab	67.0946, 4.9263, -16.5800

Details

The HunterLab color $67.0946, 4.9263, -16.5800$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $81.9567, -11.4899, 20.9582$, and the grayscale version is $67.6515, -3.6097, 3.6756$.

A 20% lighter version of the original color is $90.0762, 0.8021, -6.7541$, and $45.8908, 4.9400, -15.7989$ is the 20% darker color. If you saturate the color by 10%, you get $59.1551, 10.3610, -29.1636$, and if you desaturate by 10%, it is $75.3452, -0.0722, -5.2318$.

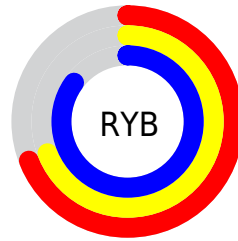
Distribution



Red (69%)

Green (69%)

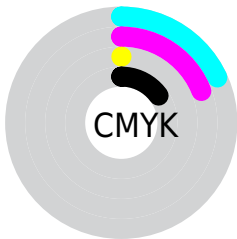
Blue (85%)



Red (69%)

Yellow (69%)

Blue (85%)

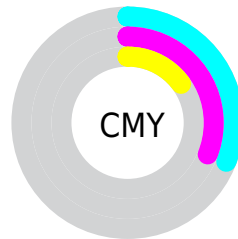


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (31%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.0946, 4.9263, -16.5800 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 67.0946, 4.9263, -16.5800 by changing the saturation by 10% instead.

■ 67.0946, 4.9263,
-16.5800

■ 67.0946, 4.9263,
-16.5800

■ 191.5331, 1.6944,
-16.4339

■ 56.1000, 5.0442,
-16.3214

■ 90.9662, 4.5171,
-16.9086

■ 45.7806, 5.0982,
-15.9993

■ 103.7788, 4.2376,
-16.9876

■ 36.1853, 5.0787,
-15.6122

■ 117.1423, 3.9125,
-17.0133

■ 27.3736, 4.9740,
-15.1659

■ 131.0346, 3.5449,
-16.9886

■ 19.4226, 4.7676,
-14.6835

■ 145.4365, 3.1373,
-16.9160

■ 12.4381, 4.4343,
-14.2434

■ 160.3305, 2.6918,

■ 5.6702, 6.8590,

-16.7980

-17.8016

175.7008, 2.2103,
-16.6367

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.0946, 4.9263,
-16.5800

■ 67.0946, 4.9263,
-16.5800

■ 59.1551, 10.3610,
-29.1636

■ 75.3452, -0.0722,
-5.2318

■ 51.5863, 16.3732,
-43.3758

■ 83.8570, -4.7380,
5.1749

■ 44.4811, 23.1246,
-59.6878

■ 92.5975, -9.1530,
14.8647

■ 37.9737, 30.7607,
-78.5589

■ 98.8887, -11.4582,
21.3750

■ 32.2613, 39.2660,

-100.0788

■ 27.6196, 48.1133,
-123.0595

■ 24.3703, 55.7856,
-143.7166

■ 22.6186, 60.5374,
-157.0811

■ 22.5310, 60.8195,
-157.7996

Harmonies

Analogous

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



67.0960, -5.6857, -18.6376



67.0946, 4.9263, -16.5800



67.0960, 13.7265, -8.7599

Triad

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



67.0960, 4.9252, -16.5786



67.0960, 8.8093, 17.5287



67.0960, -22.6777, 5.6332

Complementary

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



67.0946, 4.9263, -16.5800



81.9567, -11.4899, 20.9582

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.



67.0960, -19.2994, 14.0692



67.0946, 4.9263, -16.5800



67.0960, -1.4555, 20.2174

Square

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



67.0960, 4.9252, -16.5786



67.0960, 16.0646, 11.0821



67.0960, -11.6885, 19.0568



67.0960, -21.2026, -4.7384

Rectangle

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



67.0946, 4.9263, -16.5800



67.0960, 17.1611, -1.8998



67.0960, -11.6885, 19.0568



67.0960, -22.0790, 8.7669

Sweetspot

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



67.0960, 4.9252, -16.5786



93.7891, -1.9730, -2.0497



79.3926, -16.0474, -0.3840



43.0813, -0.7399, -1.3351

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.0960, 4.9252, -16.5786



76.8240, 8.3587, -25.5299



68.9899, 11.1876, -13.7095



35.5621, -0.0146, -2.5155



17.5667, 47.3465, -122.4692



4.5887, 12.1398, -30.2239

Inverse Universe

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



70.9365, 17.3106, -9.7225



82.4254, 26.1073, -15.1237



80.1691, -17.9372, 19.0895



36.4192, 2.8560, -1.1213



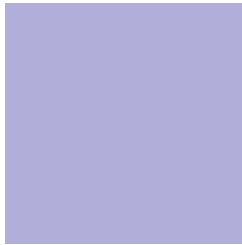
34.1349, 66.4312, -39.7567



8.7077, 16.9761, -10.3719

Previews

White Background



This preview shows how the HunterLab color 67.0946, 4.9263, -16.5800 looks on a white background.

Color Contrast Check

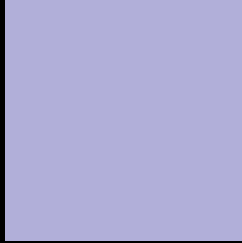
Large Text (above 18pt) WCAG AA × Fail

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 67.0946, 4.9263, -16.5800 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 67.0946, 4.9263, -16.5800 Background



This preview shows how black text looks on a background with the HunterLab color 67.0946, 4.9263, -16.5800.



This preview shows how white text looks on a background with the HunterLab color 67.0946, 4.9263, -16.5800.

-16.5800.

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

67.0946, 4.9263, -16.5800

Protanopia

67.0382, 1.8084, -17.3230

Deuteranopia

67.0946, 4.9263, -16.5800



Tritanopia

67.0632, -2.9638, -3.3321

Trichromacy



Original Color

67.0946, 4.9263, -16.5800

Protanomaly

66.9950, 3.1713, -17.3637

Deuteranomaly

67.0946, 4.9263, -16.5800

Tritanomaly

67.1593, -0.4856, -7.9550

Monochromacy



Original Color

67.0946, 4.9263, -16.5800

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

67.2865, -0.6647, -3.0062

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.0946, 4.9263, -16.5800 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(177, 175, 217)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 175, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 175, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 67.0946, 4.9263, -16.5800 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(177, 175, 217) }
```


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

```
.border{ border-color:rgb(177, 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(177, 175, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 175, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 175, 217); box-shadow:4px 4px 4px 4px rgb(177, 175, 217) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.0946, 4.9263, -16.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 175, 217) }
```

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

```
.background{ background-color: rgb(177,  
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