

# Converting Colors

HunterLab(40.0919, 65.2295,  
-48.7647)

Have a look what the booklet for  
HunterLab(40.0919, 65.2295,  
-48.7647) contains.

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# Color

**HunterLab(40.0919, 65.2295,  
-48.7647)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B82FC1</a>
RGB	<a href="#">184, 47, 193</a>
RGB Percent	<a href="#">72%, 18%, 76%</a>
CMY	<a href="#">0.2784, 0.8157, 0.2431</a>
CMYK	<a href="#">0.05, 0.76, 0.00, 0.24</a>
HSL	<a href="#">296°, 61%, 47%</a>
HSV	<a href="#">296°, 76%, 76%</a>
XYZ	<a href="#">30.4093, 16.0736, 51.9518</a>
YIQ	<a href="#">104.6070, 34.7860, 74.4500</a>

# Conversions

## Conversions Part 2

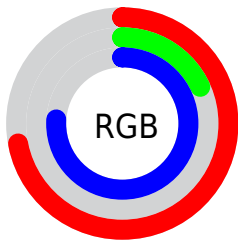
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 47, 193
Decimal	12070849
CIELab	47.07, 70.11, -47.54
CIElCh	47, 84.711, 325.862
Yxy	16.0743, 0.3089, 0.1633
Android (android.graphics.Color)	4290260929 (0xFFB82FC1)
YUV	104.6070, 43.5777, 69.6277
Hunter-Lab	40.0919, 65.2295, -48.7647

# Details

The HunterLab color **40.0919, 65.2295, -48.7647** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **62.5989, -49.0554, 35.1666**, and the grayscale version is **37.2685, -1.9886, 2.0249**.

A 20% lighter version of the original color is **60.5656, 69.6054, -49.9988**, and **25.2510, 50.6250, -40.9074** is the 20% darker color. If you saturate the color by 10%, you get **38.3551, 70.2504, -53.1260**, and if you desaturate by 10%, it is **42.5684, 58.2031, -43.0214**.

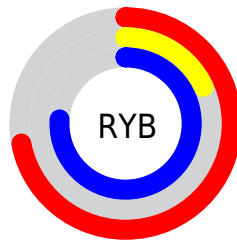
# Distribution



Red (72%)

Green (18%)

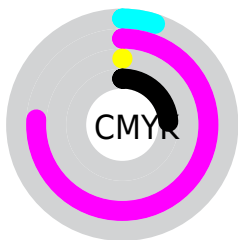
Blue (76%)



Red (72%)

Yellow (18%)

Blue (76%)

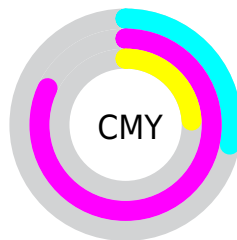


Cyan (5%)

Magenta (76%)

Yellow (0%)

Black (24%)



Cyan (28%)

Magenta (82%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0919, 65.2295, -48.7647 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 40.0919, 65.2295, -48.7647 by changing the saturation by 10% instead.



40.0919, 65.2295,  
-48.7647

40.0919, 65.2295,  
-48.7647

151.5849, 82.9140,  
-54.7262

30.9463, 62.9327,  
-48.4305

60.6030, 69.7618,  
-50.0174

22.6258, 60.7758,  
-48.6071

71.8688, 71.9178,  
-50.7437

15.2230, 59.1145,  
-49.9380

83.7574, 73.9814,  
-51.4763

8.8481, 59.2985,  
-54.5218

96.2376, 75.9502,  
-52.1938

0.0000, INF, -NF

0.0000, NaN, -NF

109.2826, 77.8249,  
-52.8836

0.0000, NaN, NaN

122.8690, 79.6080,

0.0000, NaN, NaN

-53.5382

136.9759, 81.3032,  
-54.1531

■ 40.0919, 65.2295,  
-48.7647

■ 40.0919, 65.2295,  
-48.7647

■ 38.3551, 70.2504,  
-53.1260

■ 42.5684, 58.2031,  
-43.0214

■ 37.3254, 72.9795,  
-55.8641

■ 45.7493, 49.7263,  
-36.3238

■ 36.9954, 73.7628,  
-56.7687

■ 49.5694, 40.3731,  
-29.0948

■ 53.9495, 30.6088,  
-21.6672

■ 58.8118, 20.7506,  
-14.2596

■ 64.0862, 10.9861,  
-6.9944

■ 69.7132, 1.4100,  
0.0728

■ 75.6433, -7.9411,  
6.9271

■ 81.8362, -17.0644,  
13.5759

# Harmonies

## Analogous

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



40.0928, 29.5361, -99.3139



40.0919, 65.2295, -48.7647



40.0928, 83.0296, -2.4317

# Triad

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



40.0928, 65.2278, -48.7628



40.0928, 2.5503, 28.0650



40.0928, -44.8147, -34.1841

# Complementary

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



40.0919, 65.2295, -48.7647



62.5989, -49.0554, 35.1666

# 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.



40.0928, -47.8929, 6.3059



40.0919, 65.2295, -48.7647



40.0928, -26.2788, 27.5551

# Square

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



40.0928, 65.2278, -48.7628



40.0928, 40.1447, 26.9232



40.0928, -42.3640, 23.4499



40.0928, -31.9484, -87.0996



# Rectangle

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



40.0919, 65.2295, -48.7647



40.0928, 79.1868, 15.4448



40.0928, -42.3640, 23.4499



40.0928, -46.8042, -18.1205

# Sweetspot

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



40.0928, 65.2278, -48.7628



80.2737, 24.7683, -16.8421



27.1207, 33.1549, -93.0044



36.0297, 13.6917, -9.4592



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594



# Same Dimension

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



40.0928, 65.2278, -48.7628



50.3005, 96.8214, -73.8191



38.6984, 56.9135, -7.3725



31.9608, 2.3424, -1.1993



30.1928, 60.1876, -46.2372



6.3531, 12.6214, -9.3954



# Inverse Universe

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



36.9549, 49.9168, 17.6415



45.8572, 75.4943, 27.3676



63.1476, -45.2910, 24.1951



31.7612, 1.1683, 2.4348



27.4999, 47.1734, 17.1581

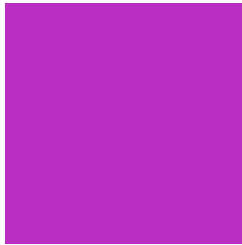


5.7471, 9.9200, 3.1097



# Previews

## White Background



This preview shows how the HunterLab color 40.0919, 65.2295, -48.7647 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

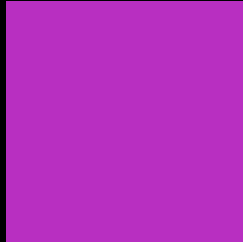
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 40.0919, 65.2295, -48.7647 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

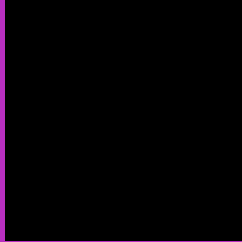
Any Text WCAG AA × Fail

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 40.0919, 65.2295, -48.7647 Background



This preview shows how black text looks on a background with the HunterLab color 40.0919, 65.2295, -48.7647.



This preview shows how white text looks on a background with the HunterLab color 40.0919, 65.2295, -48.7647.

-48.7647.

# 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

40.0919, 65.2295, -48.7647

### Protanopia

40.5442, 15.5391, -84.2211

### Deuteranopia

40.6133, 3.2334, -40.3194



## Tritanopia

40.0287, 28.7236, 10.5083

# Trichromacy



## Original Color

40.0919, 65.2295, -48.7647



## Protanomaly

35.8589, 27.6789, -85.9594



## Deuteranomaly

37.5661, 25.0038, -50.6152



## Tritanomaly

39.1089, 41.3460, -6.1377

# Monochromacy



## Original Color

40.0919, 65.2295, -48.7647



## Achromatopsia

37.5850, -2.0054, 2.0421



## Achromatomaly

36.3526, 22.3966, -15.8076

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 40.0919, 65.2295, -48.7647 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(184, 47, 193)` looks like.

```
.text, #text, p{  
    color:rgb(184, 47, 193)  
}
```

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(184, 47, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 47, 193) }
```

## Border

The CSS property to change the border of an element to HunterLab 40.0919, 65.2295, -48.7647 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(184, 47, 193) }
```



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

```
.border{ border-color:rgb(184, 47, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 47, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 47, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 47, 193);  
box-shadow:4px 4px 4px 4px rgb(184, 47,  
193) }
```

# Background

The CSS property to change the background color of an element to HunterLab 40.0919, 65.2295, -48.7647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 47, 193) }
```

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

```
.background{ background-color: rgb(184, 47,  
193) }
```

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](#).

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