

Converting Colors

HunterLab(41.4669, 83.0629,
-66.6117)

Have a look what the booklet for
HunterLab(41.4669, 83.0629,
-66.6117) contains.

HunterLab(41.4148, 83.0203, -67.0062)	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(41.4148, 83.0203,
-67.0062)**

Conversions

Conversions Part 1

Format	Color
Hex	C700D9
RGB	199, 0, 217
RGB Percent	78%, 0%, 85%
CMY	0.2196, 0.9999, 0.1490
CMYK	0.08, 1.00, 0.00, 0.15
HSL	295°, 100%, 43%
HSV	295°, 100%, 85%
XYZ	36.0776, 17.1519, 67.0548
YIQ	84.2390, 48.9470, 109.6750

Conversions

Conversions Part 2

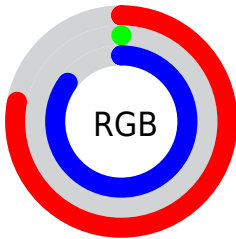
Format	Color
RYB	199, 0, 217
Decimal	13041881
CIELab	48.45, 84.22, -59.03
CIELCh	48, 102.847, 324.970
Yxy	17.1526, 0.2999, 0.1426
Android (android.graphics.Color)	4291231961 (0xFFC700D9)
YUV	84.2390, 65.4512, 100.6454
Hunter-Lab	41.4148, 83.0203, -67.0062

Details

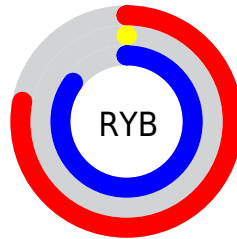
The HunterLab color **41.4148, 83.0203, -67.0062** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **70.5371, -60.0160, 42.4134**, and the grayscale version is **29.6234, -1.5806, 1.6095**.

A 20% lighter version of the original color is **60.2567, 81.7827, -54.5283**, and **28.5459, 57.8997, -51.4296** is the 20% darker color. If you saturate the color by 10%, you get **41.4148, 83.0203, -67.0065**, and if you desaturate by 10%, it is **42.3829, 80.9863, -64.2990**.

Distribution



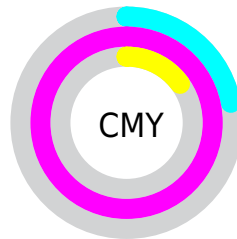
- Red (78%)
- Green (0%)
- Blue (85%)



- Red (78%)
- Yellow (0%)
- Blue (85%)



- Cyan (8%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.4148, 83.0203, -67.0062 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 41.4148, 83.0203, -67.0062 by changing the saturation by 10% instead.

41.4148, 83.0203,
-67.0062

41.4148, 83.0203,
-67.0062

153.6393,
103.7570, -73.3056

32.1611, 80.6138,
-67.2074

62.1192, 88.0577,
-67.8450

23.7217, 78.5451,
-68.3545

73.4730, 90.5383,
-68.5448

16.1856, 77.3596,
-71.4941

85.4450, 92.9510,
-69.3209

9.6778, 78.6697,
-79.6281

98.0046, 95.2837,
-70.1310

0.0000, INF, -NF

0.0000, NaN, -NF

111.1257, 97.5312,
-70.9487

0.0000, NaN, -NF

124.7851, 99.6919,

0.0000, NaN, NaN

-71.7571

138.9624,
101.7666, -72.5451

■ 41.4148, 83.0203,
-67.0062

■ 41.4148, 83.0203,
-67.0062

■ 41.4148, 83.0203,
-67.0065

■ 42.3829, 80.9863,
-64.2990

■ 44.0557, 76.5587,
-59.8587

■ 46.5818, 69.5911,
-53.6332

■ 49.9482, 60.6420,
-46.0842

■ 54.0885, 50.4040,
-37.7474

■ 58.9126, 39.4868,
-29.0735

■ 64.3266, 28.3294,
-20.3723

■ 70.2443, 17.2033,
-11.8233

■ 76.5914, 6.2539,
-3.5122

Harmonies

Analogous

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



41.4157, 36.1478, -137.2963



41.4148, 83.0203, -67.0062



41.4157, 107.7181, -4.7971

Triad

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



41.4157, 83.0186, -67.0040



41.4157, 4.8548, 28.9910



41.4157, -51.8701, -42.9219

Complementary

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



41.4148, 83.0203, -67.0062



70.5371, -60.0160, 42.4134

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.



41.4157, -54.8057, 8.2494



41.4148, 83.0203, -67.0062



41.4157, -30.2751, 28.9910

Square

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



41.4157, 83.0186, -67.0040



41.4157, 52.7757, 28.9910



41.4157, -48.6998, 26.2373



41.4157, -38.1620, -116.2404

Rectangle

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



41.4148, 83.0203, -67.0062



41.4157, 103.3548, 17.2112



41.4157, -48.6998, 26.2373



41.4157, -53.8536, -21.8713

Sweetspot

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



41.4157, 83.0186, -67.0040



77.0301, 34.3905, -24.7518



23.3365, 56.6298, -151.4126



34.3249, 18.5519, -13.5024

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.4157, 83.0186, -67.0040



49.6856, 99.6190, -80.5357



40.3410, 72.8541, -3.1726



36.3553, 2.6729, -1.4467



32.2571, 64.6425, -52.0325



8.3106, 16.5962, -12.9552

Inverse Universe

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



38.4656, 65.9839, 23.9740



46.1679, 79.1824, 28.9140



70.9729, -57.1087, 34.5724



36.1510, 1.4169, 2.6956



29.9377, 51.3787, 18.4968



7.6607, 13.2281, 4.1059

Previews

White Background



This preview shows how the HunterLab color 41.4148, 83.0203, -67.0062 looks on a white background.

Color Contrast Check

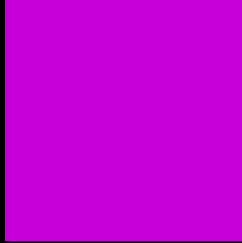
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.4148, 83.0203, -67.0062 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 41.4148, 83.0203, -67.0062 Background



This preview shows how black text looks on a background with the HunterLab color 41.4148, 83.0203, -67.0062.



This preview shows how white text looks on a background with the HunterLab color 41.4148, 83.0203, -67.0062.

-67.0062.

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

41.4148, 83.0203, -67.0062

Protanopia

42.4067, 15.6039, -86.6890

Deuteranopia

42.2516, 3.8626, -54.0609



Tritanopia

41.7644, 33.3512, 12.2681

Trichromacy



Original Color

41.4148, 83.0203, -67.0062



Protanomaly

34.2427, 40.5403, -107.8126



Deuteranomaly

35.1354, 36.4635, -79.5026



Tritanomaly

39.0683, 54.1727, -10.8948

Monochromacy



Original Color

41.4148, 83.0203, -67.0062



Achromatopsia

29.7751, -1.5887, 1.6177



Achromatomaly

29.4071, 33.7729, -25.3010

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.4148, 83.0203, -67.0062 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(199, 0, 217)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 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(199, 0, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 41.4148, 83.0203, -67.0062 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(199, 0, 217) }
```


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

```
.border{ border-color:rgb(199, 0, 217) }
```

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

Here you see how a box with a 4 pixel rgb(199, 0, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 217);  
box-shadow:4px 4px 4px 4px rgb(199, 0,  
217) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.4148, 83.0203, -67.0062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 217) }
```

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

```
.background{ background-color: rgb(199, 0,  
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