

Converting Colors

HunterLab(63.0165, 106.8632,
11.4089)

Have a look what the booklet for
HunterLab(63.0165, 106.8632,
11.4089) contains.

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Color

**HunterLab(49.8283, 83.8818,
-4.7263)**

Conversions

Conversions Part 1

Format	Color
Hex	FF239B
RGB	255, 35, 155
RGB Percent	100%, 14%, 61%
CMY	0.0000, 0.8627, 0.3922
CMYK	0.00, 0.86, 0.39, 0.00
HSL	327°, 100%, 57%
HSV	327°, 86%, 100%
XYZ	47.7574, 24.8286, 33.2856
YIQ	114.4600, 92.6000, 83.9600

Conversions

Conversions Part 2

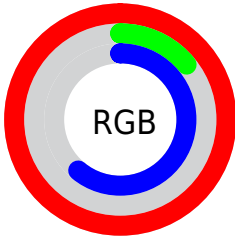
Format	Color
R_{YB}	255, 35, 155
Decimal	16720795
CIE _{Lab}	56.91, 83.24, -9.02
CIE _{LCh}	57, 83.725, 353.813
Yxy	24.8300, 0.4511, 0.2345
Android (android.graphics.Color)	4294910875 (0xFFFF239B)
YUV	114.4600, 19.9862, 123.2536
Hunter-Lab	49.8283, 83.8818, -4.7263

Details

The HunterLab color **49.8283, 83.8818, -4.7263** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **85.8065, -65.2269, 35.8874**, and the grayscale version is **41.1030, -2.1932, 2.2332**.

A 20% lighter version of the original color is **60.8402, 64.6489, -20.1634**, and **34.9370, 62.6914, 0.3997** is the 20% darker color. If you saturate the color by 10%, you get **48.4379, 85.9741, -0.6552**, and if you desaturate by 10%, it is **52.2703, 78.6622, -7.6595**.

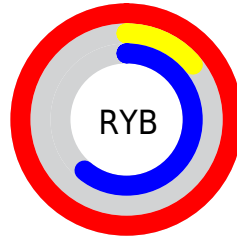
Distribution



Red (100%)

Green (14%)

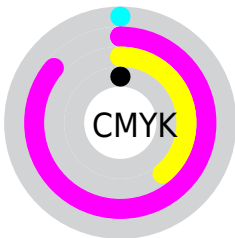
Blue (61%)



Red (100%)

Yellow (14%)

Blue (61%)

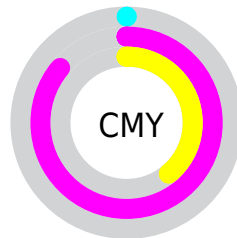


Cyan (0%)

Magenta (86%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (86%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8283, 83.8818, -4.7263 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 49.8283, 83.8818, -4.7263 by changing the saturation by 10% instead.

49.8283, 83.8818,
-4.7263

49.8283, 83.8818,
-4.7263

166.4303,
103.8972, -1.6327

39.9380, 81.3798,
-4.8115

71.6808, 88.8560,
-4.3675

30.8044, 79.0067,
-4.8279

83.5595, 91.2576,
-4.1079

22.4979, 77.0041,
-4.7647

96.0303, 93.5790,
-3.7998

15.1110, 75.9870,
-4.6113

109.0663, 95.8147,
-3.4466

8.7459, 78.2279,
-4.4190

122.6441, 97.9632,
-3.0510

0.0000, INF, -NF

0.0000, INF, NaN

136.7427,

100.0250, -2.6154

0.0000, NaN, NaN

151.3437,
102.0022, -2.1421

0.0000, NaN, NaN

■ 49.8283, 83.8818,
-4.7263

■ 49.8283, 83.8818,
-4.7263

■ 48.4379, 85.9741,
-0.6552

■ 52.2703, 78.6622,
-7.6595

■ 48.0899, 86.2363,
0.9903

■ 55.8042, 70.6702,
-9.2302

■ 60.3750, 60.6525,
-9.4495

■ 65.8730, 49.4081,
-8.4855

■ 72.1718, 37.5730,
-6.5637

79.1508, 25.5690,
-3.9007

86.7047, 13.6382,
-0.6753

94.7459, 1.8994,
2.9754

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



49.8297, 64.4392, -52.1186



49.8283, 83.8818, -4.7263



49.8297, 75.4465, 22.3106

Triad

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



49.8297, 83.8770, -4.7247



49.8297, -27.1129, 32.9629



49.8297, -36.6097, -82.0480

Complementary

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



49.8283, 83.8818, -4.7263



85.8065, -65.2269, 35.8874

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.



49.8297, -50.6354, -30.8431



49.8283, 83.8818, -4.7263



49.8297, -46.3100, 27.6952

Square

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



49.8297, 83.8770, -4.7247



49.8297, 4.8323, 33.6404



49.8297, -53.6153, 9.1547



49.8297, -9.7370, -112.8424

Rectangle

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



49.8283, 83.8818, -4.7263



49.8297, 56.0712, 29.8463



49.8297, -53.6153, 9.1547



49.8297, -42.6467, -65.4583

Sweetspot

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



49.8297, 83.8770, -4.7247



79.3441, 25.2511, -3.8218



36.7326, 74.1405, -128.7732



35.5549, 13.6062, -2.2306

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8297, 83.8770, -4.7247



48.0899, 86.2363, 0.9903



47.6034, 75.4397, 27.4315



42.6062, 2.6266, 0.8110



34.8060, 62.4959, 0.0914



10.9618, 19.8670, -1.4015

Inverse Universe

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



49.8297, 83.8770, -4.7247



48.0899, 86.2363, 0.9903



88.5490, -48.5588, -3.5945



42.6062, 2.6266, 0.8110



34.8060, 62.4959, 0.0914



10.9618, 19.8670, -1.4015

Previews

White Background



This preview shows how the HunterLab color 49.8283, 83.8818, -4.7263 looks on a white background.

Color Contrast Check

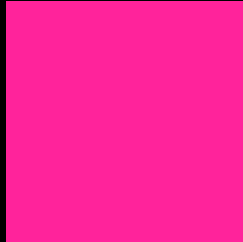
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.8283, 83.8818, -4.7263 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 × Fail

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

HunterLab 49.8283, 83.8818, -4.7263 Background



This preview shows how black text looks on a background with the HunterLab color 49.8283, 83.8818, -4.7263.



This preview shows how white text looks on a background with the HunterLab color 49.8283, 83.8818, -4.7263.

-4.7263.

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

49.8283, 83.8818, -4.7263

Protanopia

50.1240, 8.4110, -46.6167

Deuteranopia

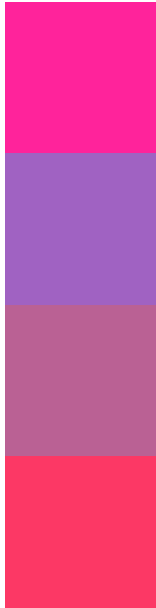
49.9917, 3.4010, -0.4290



Tritanopia

49.9003, 65.0493, 25.0025

Trichromacy



Original Color

49.8283, 83.8818, -4.7263

Protanomaly

44.8375, 35.4022, -39.2420

Deuteranomaly

45.9637, 35.5625, -7.1948

Tritanomaly

49.4605, 71.9057, 16.9774

Monochromacy



Original Color

49.8283, 83.8818, -4.7263

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.1015, 30.9893, -5.4539

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8283, 83.8818, -4.7263 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(255, 35, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 35, 155)  
}
```

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(255, 35, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 35, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8283, 83.8818, -4.7263 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(255, 35, 155) }
```


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

```
.border{ border-color:rgb(255, 35, 155) }
```

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

Here you see how a box with a 4 pixel rgb(255, 35, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 35, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 35, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 35,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8283, 83.8818, -4.7263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 35, 155) }
```

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

```
.background{ background-color: rgb(255, 35,  
155) }
```

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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