

Converting Colors

HunterLab(46.9183, 84.3488,
-9.7393)

Have a look what the booklet for
HunterLab(46.9183, 84.3488,
-9.7393) contains.

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Color

**HunterLab(46.9722, 84.4359,
-9.8409)**

Conversions

Conversions Part 1

Format	Color
Hex	F50A9D
RGB	245, 10, 157
RGB Percent	96%, 4%, 62%
CMY	0.0392, 0.9606, 0.3843
CMYK	0.00, 0.96, 0.36, 0.04
HSL	322°, 92%, 50%
HSV	322°, 96%, 96%
XYZ	43.8505, 22.0639, 33.8458
YIQ	97.0230, 92.8730, 95.5370

Conversions

Conversions Part 2

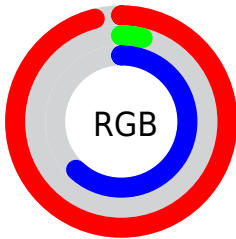
Format	Color
R_{YB}	245, 10, 157
Decimal	16059037
CIE _{Lab}	54.10, 84.21, -14.63
CIE _{LCh}	54, 85.476, 350.147
Yxy	22.0651, 0.4396, 0.2212
Android (android.graphics.Color)	4294249117 (0xFFFF50A9D)
YUV	97.0230, 29.5687, 129.7758
Hunter-Lab	46.9722, 84.4359, -9.8409

Details

The HunterLab color **46.9722, 84.4359, -9.8409** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **81.3957, -65.7195, 40.5779**, and the grayscale version is **34.4636, -1.8389, 1.8725**.

A 20% lighter version of the original color is **59.4313, 69.5275, -24.3007**, and **33.3285, 60.1983, -2.6665** is the 20% darker color. If you saturate the color by 10%, you get **46.6048, 84.7635, -8.2670**, and if you desaturate by 10%, it is **48.3201, 82.2050, -13.1574**.

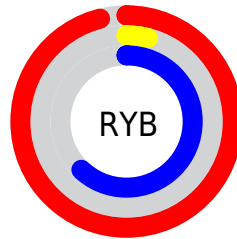
Distribution



Red (96%)

Green (4%)

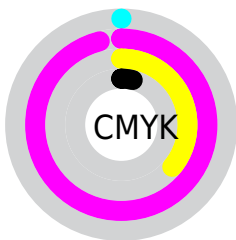
Blue (62%)



Red (96%)

Yellow (4%)

Blue (62%)

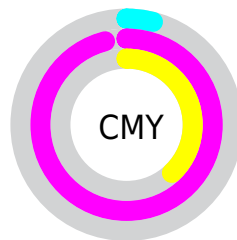


Cyan (0%)

Magenta (96%)

Yellow (36%)

Black (4%)



Cyan (4%)

Magenta (96%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9722, 84.4359, -9.8409 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 46.9722, 84.4359, -9.8409 by changing the saturation by 10% instead.

46.9722, 84.4359,
-9.8409

46.9722, 84.4359,
-9.8409

162.1377,
104.8420, -8.7106

37.2891, 81.9465,
-9.6714

68.4497, 89.4631,
-9.9684

28.3804, 79.6487,
-9.4279

80.1564, 91.9075,
-9.9401

20.3219, 77.8638,
-9.1068

92.4635, 94.2760,
-9.8557

13.2153, 77.4415,
-8.7195

105.3431, 96.5609,
-9.7191

6.7339, 88.7085,
-9.6231

118.7706, 98.7594,
-9.5335

0.0000, INF, -NF

0.0000, INF, NaN

132.7247,

100.8713, -9.3020

0.0000, NaN, NaN

147.1861,
102.8981, -9.0269

0.0000, NaN, NaN

■ 46.9722, 84.4359,
-9.8409

■ 46.9722, 84.4359,
-9.8409

■ 46.6048, 84.7635,
-8.2670

■ 48.3201, 82.2050,
-13.1574

■ 50.6511, 76.9788,
-15.1297

■ 54.0070, 69.0906,
-15.6155

■ 58.3365, 59.2545,
-14.7139

■ 63.5395, 48.2289,
-12.6563

■ 69.4997, 36.6222,
-9.7046

■ 76.1053, 24.8422,
-6.0907

■ 83.2580, 13.1265,
-1.9958

■ 90.8754, 1.5938,
2.4477

Harmonies

Analogous

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



46.9735, 61.5096, -60.1843



46.9722, 84.4359, -9.8409



46.9735, 79.3477, 19.7582

Triad

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



46.9735, 84.4313, -9.8392



46.9735, -23.6093, 31.7322



46.9735, -38.4693, -78.5110

Complementary

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



46.9722, 84.4359, -9.8409



81.3957, -65.7195, 40.5779

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.



46.9735, -50.6360, -25.4416



46.9722, 84.4359, -9.8409



46.9735, -43.9731, 27.9243

Square

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



46.9735, 84.4313, -9.8392



46.9735, 9.6343, 32.0825



46.9735, -52.3001, 12.2881



46.9735, -13.5315, -115.2699

Rectangle

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



46.9722, 84.4359, -9.8409



46.9735, 61.1787, 27.9997



46.9735, -52.3001, 12.2881



46.9735, -43.8359, -60.7205

Sweetspot

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



46.9735, 84.4313, -9.8392



77.3891, 29.9026, -7.6338



30.5101, 72.0177, -147.8123



34.4396, 16.2739, -4.2775

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.9735, 84.4313, -9.8392



48.7649, 88.6793, -8.5496



44.4900, 75.2952, 25.8901



40.8128, 2.6451, 0.3793



34.2473, 62.3604, -6.6359



10.2505, 18.8380, -3.3269

Inverse Universe

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



46.9735, 84.4313, -9.8392



48.7649, 88.6793, -8.5496



83.7903, -51.0364, 5.8756



40.8128, 2.6451, 0.3793



34.2473, 62.3604, -6.6359



10.2505, 18.8380, -3.3269

Previews

White Background



This preview shows how the HunterLab color 46.9722, 84.4359, -9.8409 looks on a white background.

Color Contrast Check

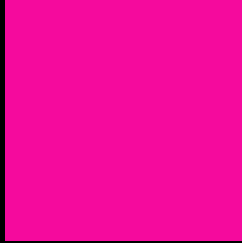
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.9722, 84.4359, -9.8409 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 46.9722, 84.4359, -9.8409 Background



This preview shows how black text looks on a background with the HunterLab color 46.9722, 84.4359, -9.8409.



This preview shows how white text looks on a background with the HunterLab color 46.9722, 84.4359, -9.8409.

-9.8409.

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

46.9722, 84.4359, -9.8409

Protanopia

47.5765, 10.7940, -58.3781

Deuteranopia

47.4218, 3.3262, -4.7206



Tritanopia

47.0931, 62.6569, 23.8192

Trichromacy



Original Color

46.9722, 84.4359, -9.8409



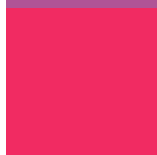
Protanomaly

40.6577, 39.8039, -53.9352



Deuteranomaly

42.1578, 38.7655, -13.9240



Tritanomaly

46.1632, 71.3471, 14.8535

Monochromacy



Original Color

46.9722, 84.4359, -9.8409



Achromatopsia

34.5743, -1.8448, 1.8785



Achromatomaly

34.1933, 34.0365, -8.5969

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9722, 84.4359, -9.8409 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(245, 10, 157)` looks like.

```
.text, #text, p{  
    color:rgb(245, 10, 157)  
}
```

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(245, 10, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 10, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9722, 84.4359, -9.8409 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(245, 10, 157) }
```


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

```
.border{ border-color:rgb(245, 10, 157) }
```

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

Here you see how a box with a 4 pixel rgb(245, 10, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 10, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 10, 157);  
box-shadow:4px 4px 4px 4px rgb(245, 10,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9722, 84.4359, -9.8409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 10, 157) }
```

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

```
.background{ background-color: rgb(245, 10,  
157) }
```

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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