

# Converting Colors

HunterLab(49.8240, 80.8937,  
-14.9289)

Have a look what the booklet for  
HunterLab(49.8240, 80.8937,  
-14.9289) contains.

<b>HunterLab(49.8240, 80.8937, -14.9289)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(49.8240, 80.8937,  
-14.9289)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F72FAD
RGB	247, 47, 173
RGB Percent	97%, 18%, 68%
CMY	0.0314, 0.8156, 0.3216
CMYK	0.00, 0.81, 0.30, 0.03
HSL	322°, 93%, 58%
HSV	322°, 81%, 97%
XYZ	46.9171, 24.8243, 41.8539
YIQ	121.1640, 78.7540, 81.5860

# Conversions

## Conversions Part 2

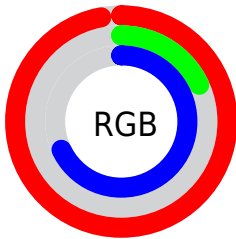
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 47, 173
Decimal	16199597
CIE Lab	56.91, 80.91, -19.72
CIE LCh	57, 83.280, 346.302
Yxy	24.8257, 0.4130, 0.2185
Android (android.graphics.Color)	4294389677 (0xFFFF72FAD)
YUV	121.1640, 25.5551, 110.3582
Hunter-Lab	49.8240, 80.8937, -14.9289

# Details

The HunterLab color **49.8240, 80.8937, -14.9289** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **82.7691, -63.1409, 36.9351**, and the grayscale version is **43.6759, -2.3304, 2.3730**.

A 20% lighter version of the original color is **62.7757, 65.3797, -30.1859**, and **34.3796, 62.8914, -8.9104** is the 20% darker color. If you saturate the color by 10%, you get **47.9953, 84.6296, -12.2497**, and if you desaturate by 10%, it is **52.6835, 74.2129, -16.1286**.

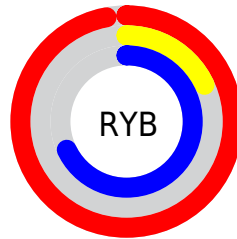
# Distribution



Red (97%)

Green (18%)

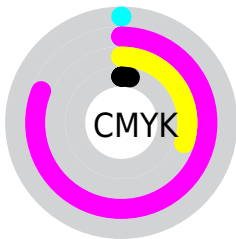
Blue (68%)



Red (97%)

Yellow (18%)

Blue (68%)

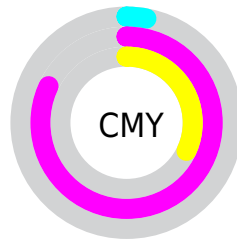


Cyan (0%)

Magenta (81%)

Yellow (30%)

Black (3%)



Cyan (3%)

Magenta (82%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8240, 80.8937, -14.9289 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 49.8240, 80.8937, -14.9289 by changing the saturation by 10% instead.



49.8240, 80.8937,  
-14.9289

49.8240, 80.8937,  
-14.9289

166.4237,  
100.3953, -15.1984

39.9340, 78.4191,  
-14.6015

71.6758, 85.7776,  
-15.3796

30.8007, 76.0478,  
-14.2097

83.5543, 88.1240,  
-15.5122

22.4945, 74.0009,  
-13.7613

96.0249, 90.3869,  
-15.5869

15.1081, 72.8433,  
-13.2941

109.0607, 92.5621,  
-15.6070

8.7432, 74.6912,  
-13.0412

122.6382, 94.6488,  
-15.5755

0.0000, INF, -NF

0.0000, INF, NaN

136.7366, 96.6483,

-15.4953

0.0000, NaN, NaN

151.3374, 98.5629,  
-15.3689

0.0000, NaN, NaN

■ 49.8240, 80.8937,  
-14.9289

■ 49.8240, 80.8937,  
-14.9289

■ 47.9953, 84.6296,  
-12.2497

■ 52.6835, 74.2129,  
-16.1286

■ 47.0755, 85.6885,  
-8.8839

■ 56.5597, 65.1732,  
-15.8462

■ 61.3734, 54.5486,  
-14.2643

■ 67.0123, 43.0463,  
-11.6458

■ 73.3595, 31.1820,  
-8.2471

80.3081, 19.2782,  
-4.2794

87.7666, 7.5099,  
0.0991

95.6599, -4.0434,  
4.7759

99.2543, -7.9394,  
4.5067

# Harmonies

## Analogous

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



49.8253, 55.8335, -64.7575



49.8240, 80.8937, -14.9289



49.8253, 79.6429, 17.5273

# Triad

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



49.8253, 80.8895, -14.9271



49.8253, -20.1576, 33.3251



49.8253, -41.1100, -69.1864

# Complementary

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



49.8240, 80.8937, -14.9289



82.7691, -63.1409, 36.9351

# 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.



49.8253, -52.1502, -18.7778



49.8240, 80.8937, -14.9289



49.8253, -42.5360, 29.7483

# Square

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



49.8253, 80.8895, -14.9271



49.8253, 14.2737, 33.4227



49.8253, -52.5878, 15.6007



49.8253, -17.5985, -107.9628



# Rectangle

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



49.8240, 80.8937, -14.9289



49.8253, 63.8934, 27.6571



49.8253, -52.5878, 15.6007



49.8253, -46.0798, -51.9263

# Sweetspot

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



49.8253, 80.8895, -14.9271



80.9944, 23.7763, -5.7544



35.7315, 65.3528, -122.8515



36.2802, 13.0390, -3.3437

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



49.8253, 80.8895, -14.9271



49.0789, 88.6020, -10.3353



47.2214, 70.8342, 22.2740



40.8144, 2.6538, 0.3564



34.2762, 62.4645, -7.0407



10.2586, 18.8670, -3.4393



# Inverse Universe

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



49.8253, 80.8895, -14.9271



49.0789, 88.6020, -10.3353



85.0362, -49.3227, 4.1630



40.8144, 2.6538, 0.3564



34.2762, 62.4645, -7.0407



10.2586, 18.8670, -3.4393



# Previews

## White Background



This preview shows how the HunterLab color 49.8240, 80.8937, -14.9289 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

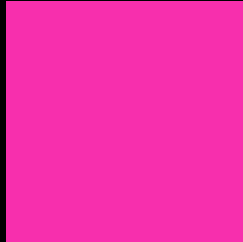
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 49.8240, 80.8937, -14.9289 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 49.8240, 80.8937, -14.9289 Background



This preview shows how black text looks on a background with the HunterLab color 49.8240, 80.8937, -14.9289.



This preview shows how white text looks on a background with the HunterLab color 49.8240, 80.8937, -14.9289.

-14.9289.

# 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

49.8240, 80.8937, -14.9289

### Protanopia

50.3741, 11.1859, -61.2724

### Deuteranopia

50.0621, 3.4131, -9.5755



## Tritanopia

49.7411, 57.5460, 21.9030

# Trichromacy



## Original Color

49.8240, 80.8937, -14.9289



## Protanomaly

45.4376, 34.5253, -52.6738



## Deuteranomaly

46.6057, 33.3188, -16.5935



## Tritanomaly

49.3254, 66.1116, 11.6905

# Monochromacy



## Original Color

49.8240, 80.8937, -14.9289



## Achromatopsia

43.7266, -2.3331, 2.3758



## Achromatomaly

42.5610, 28.9952, -7.8297

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 49.8240, 80.8937, -14.9289 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(247, 47, 173)` looks like.

```
.text, #text, p{  
    color:rgb(247, 47, 173)  
}
```

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(247, 47, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 47, 173) }
```

## Border

The CSS property to change the border of an element to HunterLab 49.8240, 80.8937, -14.9289 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(247, 47, 173) }
```



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

```
.border{ border-color:rgb(247, 47, 173) }
```

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

Here you see how a box with a 4 pixel rgb(247, 47, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 47, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 47, 173);  
box-shadow:4px 4px 4px 4px rgb(247, 47,  
173) }
```

# Background

The CSS property to change the background color of an element to HunterLab 49.8240, 80.8937, -14.9289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 47, 173) }
```

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

```
.background{ background-color: rgb(247, 47,  
173) }
```

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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