

# Converting Colors

HunterLab(49.9172, 72.2004,  
-11.1496)

Have a look what the booklet for  
HunterLab(49.9172, 72.2004,  
-11.1496) contains.

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# Color

**HunterLab(49.9821, 72.3234,  
-11.3026)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F040A7
RGB	240, 64, 167
RGB Percent	94%, 25%, 65%
CMY	0.0588, 0.7490, 0.3451
CMYK	0.00, 0.73, 0.30, 0.06
HSL	325°, 85%, 60%
HSV	325°, 73%, 94%
XYZ	44.7437, 24.9821, 39.0230
YIQ	128.3660, 71.8330, 69.3450

# Conversions

## Conversions Part 2

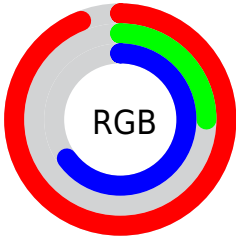
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 64, 167
Decimal	15745191
CIE <sub>Lab</sub>	57.06, 74.05, -16.10
CIE <sub>LCh</sub>	57, 75.778, 347.733
Yxy	24.9834, 0.4114, 0.2297
Android (android.graphics.Color)	4293935271 (0xFFFF040A7)
YUV	128.3660, 19.0466, 97.9030
Hunter-Lab	49.9821, 72.3234, -11.3026

# Details

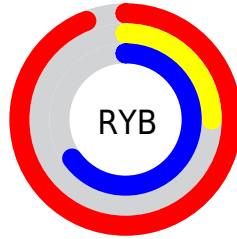
The HunterLab color **49.9821, 72.3234, -11.3026** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **80.7572, -57.7935, 31.3716**, and the grayscale version is **46.5145, -2.4819, 2.5272**.

A 20% lighter version of the original color is **64.3861, 58.8925, -22.9321**, and **32.8961, 60.0982, -7.9109** is the 20% darker color. If you saturate the color by 10%, you get **47.4126, 78.1026, -9.3318**, and if you desaturate by 10%, it is **53.5530, 64.1313, -11.9035**.

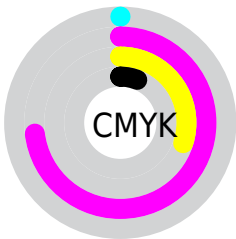
# Distribution



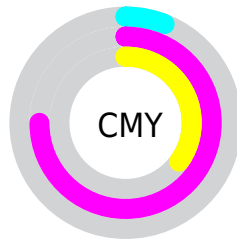
- Red (94%)
- Green (25%)
- Blue (65%)



- Red (94%)
- Yellow (25%)
- Blue (65%)



- Cyan (0%)
- Magenta (73%)
- Yellow (30%)
- Black (6%)



- Cyan (6%)
- Magenta (75%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9821, 72.3234, -11.3026 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 49.9821, 72.3234, -11.3026 by changing the saturation by 10% instead.



49.9821, 72.3234,  
-11.3026

49.9821, 72.3234,  
-11.3026

166.6600, 90.2132,  
-10.4914

40.0808, 69.9505,  
-11.0995

71.8543, 76.9062,  
-11.5010

30.9353, 67.6139,  
-10.8249

83.7421, 79.0772,  
-11.5086

22.6159, 65.4757,  
-10.4766

96.2215, 81.1566,  
-11.4603

15.2143, 63.9601,  
-10.0671

109.2659, 83.1436,  
-11.3596

8.8403, 64.6344,  
-9.7203

122.8516, 85.0399,  
-11.2098

0.0000, INF, -NF

0.0000, INF, NaN

136.9579, 86.8480,

-11.0135

0.0000, NaN, NaN

151.5663, 88.5713,  
-10.7733

0.0000, NaN, NaN

■ 49.9821, 72.3234,  
-11.3026

■ 49.9821, 72.3234,  
-11.3026

■ 47.4126, 78.1026,  
-9.3318

■ 53.5530, 64.1313,  
-11.9035

■ 45.8319, 81.0110,  
-6.0977


■ 58.0519, 54.2750,  
-11.2438


■ 45.2018, 81.6276,  
-3.4897


■ 63.3735, 43.4587,  
-9.5331


■ 69.4026, 32.2162,  
-7.0026

■ 76.0324, 20.8891,  
-3.8550

 83.1709, 9.6674,  
-0.2492

 90.7421, -1.3597,  
3.6976

 98.3558, -11.6390,  
7.5324

 98.6232, -10.1589,  
3.7173

# Harmonies

## Analogous

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



49.9834, 51.1792, -54.4327



49.9821, 72.3234, -11.3026



49.9834, 70.0253, 17.4067

# Triad

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



49.9834, 72.3195, -11.3009



49.9834, -19.9826, 32.4762



49.9834, -37.5396, -62.4069

# Complementary

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



49.9821, 72.3234, -11.3026



80.7572, -57.7935, 31.3716

# 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.



49.9834, -48.6356, -18.4655



49.9821, 72.3234, -11.3026



49.9834, -40.3840, 28.1782

# Square

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



49.9834, 72.3195, -11.3009



49.9834, 11.0133, 32.7293



49.9834, -49.5265, 13.5795



49.9834, -15.0227, -94.1916



# Rectangle

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



49.9821, 72.3234, -11.3026



49.9834, 55.5443, 26.8491



49.9834, -49.5265, 13.5795



49.9834, -42.4558, -47.6495

# Sweetspot

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



49.9834, 72.3195, -11.3009



82.3843, 20.8579, -3.6683



38.8088, 58.3806, -101.0090



37.1854, 11.1730, -2.1548

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



49.9834, 72.3195, -11.3009



49.8247, 85.6082, -8.4310



47.7459, 63.2854, 20.7123



39.8924, 2.5004, 0.5732



33.4842, 60.5408, -3.1544



9.7596, 17.8289, -2.3394



# Inverse Universe

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



49.9834, 72.3195, -11.3009



49.8247, 85.6082, -8.4310



82.8892, -44.8893, 0.6562



39.8924, 2.5004, 0.5732



33.4842, 60.5408, -3.1544



9.7596, 17.8289, -2.3394



# Previews

## White Background



This preview shows how the HunterLab color 49.9821, 72.3234, -11.3026 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

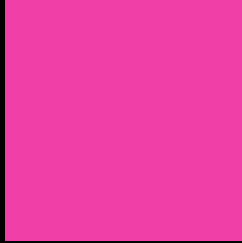
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 49.9821, 72.3234, -11.3026 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

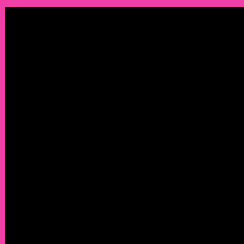
Any Text WCAG AA ✓ Pass

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 49.9821, 72.3234, -11.3026 Background



This preview shows how black text looks on a background with the HunterLab color 49.9821, 72.3234, -11.3026.



This preview shows how white text looks on a background with the HunterLab color 49.9821, 72.3234, -11.3026.

-11.3026.

# 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

49.9821, 72.3234, -11.3026

### Protanopia

50.4520, 8.1648, -46.7178

### Deuteranopia

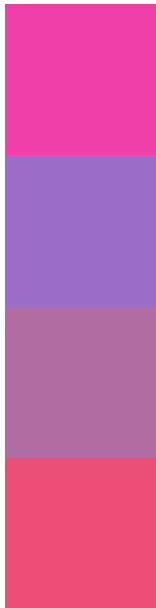
50.1812, 3.5335, -7.2362



## Tritanopia

49.9032, 52.6980, 19.9135

# Trichromacy



## Original Color

49.9821, 72.3234, -11.3026

## Protanomaly

46.9354, 29.2747, -38.8217

## Deuteranomaly

47.8096, 28.4636, -11.8565

## Tritanomaly

49.6120, 59.4207, 10.7537

# Monochromacy



## Original Color

49.9821, 72.3234, -11.3026

## Achromatopsia

46.4608, -2.4790, 2.5243

## Achromatomaly

45.2672, 24.4753, -5.1969

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 49.9821, 72.3234, -11.3026 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(240, 64, 167)` looks like.

```
.text, #text, p{  
    color:rgb(240, 64, 167)  
}
```

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(240, 64, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 64, 167) }
```

## Border

The CSS property to change the border of an element to HunterLab 49.9821, 72.3234, -11.3026 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(240, 64, 167) }
```



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

```
.border{ border-color:rgb(240, 64, 167) }
```

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

Here you see how a box with a 4 pixel rgb(240, 64, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 64, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 64, 167);  
box-shadow:4px 4px 4px 4px rgb(240, 64,  
167) }
```

# Background

The CSS property to change the background color of an element to HunterLab 49.9821, 72.3234, -11.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 64, 167) }
```

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

```
.background{ background-color: rgb(240, 64,  
167) }
```

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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