

# Converting Colors

HunterLab(50.0093, 61.1299,  
14.5927)

Have a look what the booklet for  
HunterLab(50.0093, 61.1299,  
14.5927) contains.

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# Color

**HunterLab(49.9738, 61.2086,  
14.7000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F14C6D
RGB	241, 76, 109
RGB Percent	95%, 30%, 43%
CMY	0.0549, 0.7019, 0.5725
CMYK	0.00, 0.68, 0.55, 0.05
HSL	348°, 85%, 62%
HSV	348°, 68%, 95%
XYZ	41.6204, 24.9738, 17.0948
YIQ	129.0970, 87.7470, 45.2430

# Conversions

## Conversions Part 2

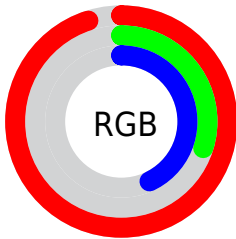
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 76, 109
Decimal	15813741
CIE Lab	57.05, 64.81, 18.06
CIE LCh	57, 67.281, 15.567
Yxy	24.9752, 0.4973, 0.2984
Android (android.graphics.Color)	4294003821 (0xFFFF14C6D)
YUV	129.0970, -9.9078, 98.1389
Hunter-Lab	49.9738, 61.2086, 14.7000

# Details

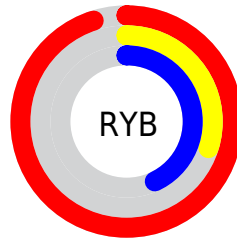
The HunterLab color **49.9738, 61.2086, 14.7000** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **83.0673, -46.9009, 7.7669**, and the grayscale version is **46.9072, -2.5029, 2.5486**.

A 20% lighter version of the original color is **63.9126, 44.8618, 9.3158**, and **31.5143, 55.0728, 11.8089** is the 20% darker color. If you saturate the color by 10%, you get **46.7784, 68.2275, 17.8382**, and if you desaturate by 10%, it is **54.2239, 52.4480, 11.8941**.

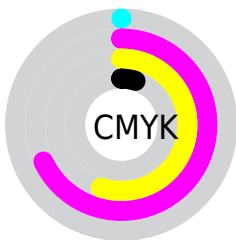
# Distribution



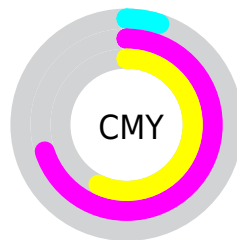
- Red (95%)
- Green (30%)
- Blue (43%)



- Red (95%)
- Yellow (30%)
- Blue (43%)



- Cyan (0%)
- Magenta (68%)
- Yellow (55%)
- Black (5%)




- Cyan (5%)
- Magenta (70%)
- Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9738, 61.2086, 14.7000 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 49.9738, 61.2086, 14.7000 by changing the saturation by 10% instead.





 49.9738, 61.2086,  
14.7000


 49.9738, 61.2086,  
14.7000


166.6477, 76.7553,  
28.4970


 40.0732, 59.0235,  
13.0491


 71.8450, 65.3169,  
17.8738


 30.9283, 56.8070,  
11.3270


 83.7323, 67.2280,  
19.4191


 22.6096, 54.6585,  
9.5012

 96.2113, 69.0410,  
20.9479

 15.2088, 52.8566,  
7.5545

 109.2552, 70.7586,  
22.4656

 8.8353, 52.5123,  
6.1847

 122.8405, 72.3847,  
23.9764

0.0000, INF, NaN

0.0000, INF, NaN

136.9464, 73.9233,

25.4836

0.0000, NaN, NaN

151.5544, 75.3789,  
26.9898

0.0000, NaN, NaN

■ 49.9738, 61.2086,  
14.7000

■ 49.9738, 61.2086,  
14.7000

■ 46.7784, 68.2275,  
17.8382

■ 54.2239, 52.4480,  
11.8941

■ 44.6878, 72.8063,  
21.0267

■ 59.4081, 42.7235,  
9.5743


■ 43.6138, 74.7665,  
23.9011


■ 65.3930, 32.6219,  
7.7872


■ 43.4921, 74.9758,  
24.2724

■ 72.0506, 22.5139,  
6.5069

■ 79.2709, 12.5936,  
5.6749

 86.9640, 2.9407,  
5.2248

 95.0580, -6.4291,  
5.0941

 98.7121, -9.8454,  
3.8287

# Harmonies

## Analogous

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



49.9752, 61.6090, -11.9587



49.9738, 61.2086, 14.7000



49.9752, 41.3561, 27.3472

# Triad

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



49.9752, 61.2041, 14.7011



49.9752, -35.8588, 27.0672



49.9752, -15.5076, -77.7195

# Complementary

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



49.9738, 61.2086, 14.7000



83.0673, -46.9009, 7.7669

# 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.



49.9752, -35.3109, -50.0714



49.9738, 61.2086, 14.7000



49.9752, -45.1639, 13.9675

# Square

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



49.9752, 61.2041, 14.7011



49.9752, -16.4343, 31.2927



49.9752, -44.9887, -13.2385



49.9752, 12.7686, -77.1112



# Rectangle

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



49.9738, 61.2086, 14.7000



49.9752, 21.8576, 30.6103



49.9752, -44.9887, -13.2385



49.9752, -23.2221, -70.9561

# Sweetspot

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



49.9752, 61.2041, 14.7011



82.4650, 16.1559, 6.2397



49.9314, 71.6151, -66.7953



37.1581, 8.8267, 2.9944

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



49.9752, 61.2041, 14.7011



48.8937, 74.9333, 20.3205



58.3256, 35.5825, 29.6103



39.7624, 1.8024, 2.4250



32.0512, 55.2997, 17.5240



9.3183, 16.2226, 3.9692



# Inverse Universe

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



49.9752, 61.2041, 14.7011



48.8937, 74.9333, 20.3205



67.3566, -18.2336, -32.0668



39.7624, 1.8024, 2.4250



32.0512, 55.2997, 17.5240



9.3183, 16.2226, 3.9692



# Previews

## White Background



This preview shows how the HunterLab color 49.9738, 61.2086, 14.7000 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

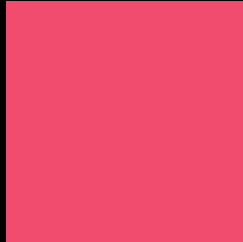
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 49.9738, 61.2086, 14.7000 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 49.9738, 61.2086, 14.7000 Background



This preview shows how black text looks on a background with the HunterLab color 49.9738, 61.2086, 14.7000.



This preview shows how white text looks on a background with the HunterLab color 49.9738, 61.2086,



# 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

49.9738, 61.2086, 14.7000

### Protanopia

50.2438, -1.7623, 2.1052

### Deuteranopia

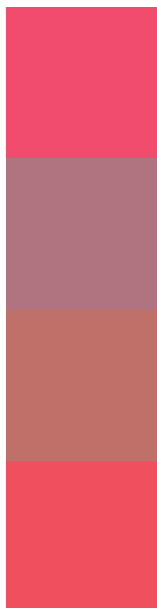
50.1233, 3.0970, 16.3764



## Tritanopia

50.0660, 56.8408, 21.6678

# Trichromacy



## Original Color

49.9738, 61.2086, 14.7000

## Protanomaly

48.0105, 19.8292, 4.7110

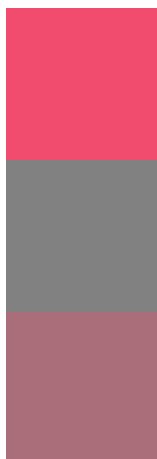
## Deuteranomaly

48.6458, 24.1391, 14.4356

## Tritanomaly

49.9253, 58.3313, 19.2089

# Monochromacy



## Original Color

49.9738, 61.2086, 14.7000

## Achromatopsia

46.8536, -2.5000, 2.5456

## Achromatomaly

45.9381, 19.3393, 4.8815

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 49.9738, 61.2086, 14.7000 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(241, 76, 109)` looks like.

```
.text, #text, p{  
    color:rgb(241, 76, 109)  
}
```

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(241, 76, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 76, 109) }
```

## Border

The CSS property to change the border of an element to HunterLab 49.9738, 61.2086, 14.7000 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(241, 76, 109) }
```



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

```
.border{ border-color:rgb(241, 76, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 76, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 76, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 76, 109); box-shadow:4px 4px 4px 4px rgb(241, 76, 109) }
```

# Background

The CSS property to change the background color of an element to HunterLab 49.9738, 61.2086, 14.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 76, 109) }
```

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

```
.background{ background-color: rgb(241, 76,  
109) }
```

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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