

# Converting Colors

HunterLab(58.3358, 49.5106,  
24.0366)

Have a look what the booklet for  
HunterLab(58.3358, 49.5106,  
24.0366) contains.

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# Color

**HunterLab(58.3349, 49.5128,  
24.0363)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7166
RGB	255, 113, 102
RGB Percent	100%, 44%, 40%
CMY	0.0000, 0.5568, 0.6000
CMYK	0.00, 0.56, 0.60, 0.00
HSL	4°, 100%, 70%
HSV	4°, 60%, 100%
XYZ	49.5434, 34.0296, 16.5275
YIQ	154.2040, 88.1630, 26.6830

# Conversions

## Conversions Part 2

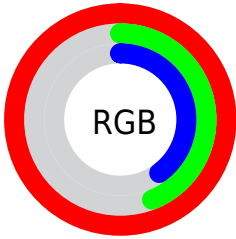
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 114, 102
Decimal	16740710
CIE Lab	64.99, 53.31, 32.95
CIE LCh	65, 62.671, 31.714
Yxy	34.0315, 0.4949, 0.3400
Android (android.graphics.Color)	4294930790 (0xFFFF7166)
YUV	154.2040, -25.7366, 88.3981
Hunter-Lab	58.3349, 49.5128, 24.0363

# Details

The HunterLab color **58.3349, 49.5128, 24.0363** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **86.4530, -35.9217, -12.2392**, and the grayscale version is **57.0062, -3.0417, 3.0973**.

A 20% lighter version of the original color is **72.0665, 25.4134, 20.0579**, and **38.0899, 45.5363, 18.6419** is the 20% darker color. If you saturate the color by 10%, you get **53.8431, 58.8132, 26.5773**, and if you desaturate by 10%, it is **63.7214, 39.7632, 21.1189**.

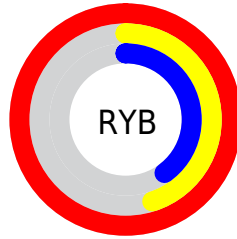
# Distribution



Red (100%)

Green (44%)

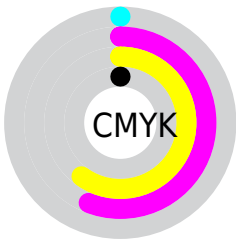
Blue (40%)



Red (100%)

Yellow (45%)

Blue (40%)

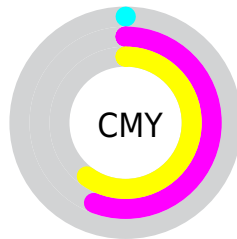


Cyan (0%)

Magenta (56%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (56%)


Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3349, 49.5128, 24.0363 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 58.3349, 49.5128, 24.0363 by changing the saturation by 10% instead.





 58.3349, 49.5128,  
24.0363


 58.3349, 49.5128,  
24.0363


178.9615, 61.2118,  
44.3068


 47.8725, 47.7242,  
21.4475

 81.2297, 52.7532,  
28.9111


 38.1219, 45.8346,  
18.7165


 93.5889, 54.2216,  
31.2357

 29.1413, 43.8577,  
15.8007


 106.5182, 55.5945,  
33.5044

 21.0035, 41.8517,  
12.7019

 119.9936, 56.8775,  
35.7275

 13.8068, 39.9976,  
9.6648

133.9936, 58.0760,  
37.9133

 7.4307, 41.2840,  
5.2015

148.4994, 59.1950,

0.0000, INF, NaN

40.0684

0.0000, NaN, NaN

163.4938, 60.2389,  
42.1980

0.0000, NaN, NaN

■ 58.3349, 49.5128,  
24.0363

■ 58.3349, 49.5128,  
24.0363

■ 53.8431, 58.8132,  
26.5773

■ 63.7214, 39.7632,  
21.1189

■ 50.3566, 67.0172,  
28.5150

■ 69.8708, 30.0366,  
18.0063

■ 47.9470, 73.3806,  
29.6567

■ 76.6664, 20.5882,  
14.8245

■ 46.5874, 77.3332,  
30.0608

■ 84.0063, 11.5329,  
11.6469

■ 46.5874, 77.3333,  
30.0608

■ 91.8068, 2.8978,  
8.5112

100.0000, -5.3359,  
5.4331

# Harmonies

## Analogous

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



58.3365, 60.2995, 4.6721



58.3349, 49.5128, 24.0363



58.3365, 24.3540, 32.5055

# Triad

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



58.3365, 49.5084, 24.0373



58.3365, -43.0268, 22.4562



58.3365, -1.5126, -73.6495

# Complementary

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



58.3349, 49.5128, 24.0363



86.4530, -35.9217, -12.2392

# 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.



58.3365, -26.2878, -61.4518



58.3349, 49.5128, 24.0363



58.3365, -47.4083, 1.6380

# Square

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



58.3365, 49.5084, 24.0373



58.3365, -28.5764, 31.9383



58.3365, -41.8892, -30.2652



58.3365, 27.6340, -58.5271



# Rectangle

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



58.3349, 49.5128, 24.0363



58.3365, 4.7665, 34.3674



58.3365, -41.8892, -30.2652



58.3365, -10.6007, -72.5896

# Sweetspot

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



58.3365, 49.5084, 24.0373



85.5317, 9.7729, 11.0158



61.1091, 75.4530, -44.6831



38.5468, 5.7090, 5.5216

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



58.3365, 49.5084, 24.0373



53.0620, 60.5665, 27.0205



76.4759, 10.3458, 37.5594



42.6577, 1.1479, 3.8665



33.7883, 55.5233, 21.7922



10.8683, 16.2578, 6.9816



# Inverse Universe

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



86.4530, -35.9217, -12.2392



84.8259, -38.2474, -14.5273



61.7747, 0.5052, -52.7279



44.9938, -5.5981, 0.9429



59.5070, -28.3943, -13.0834



18.7405, -9.0726, -3.8389



# Previews

## White Background



This preview shows how the HunterLab color 58.3349, 49.5128, 24.0363 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

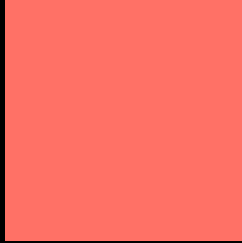
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 58.3349, 49.5128, 24.0363 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

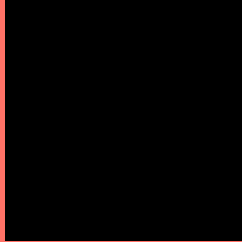
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

## HunterLab 58.3349, 49.5128, 24.0363 Background



This preview shows how black text looks on a background with the HunterLab color 58.3349, 49.5128, 24.0363.



This preview shows how white text looks on a background with the HunterLab color 58.3349, 49.5128,



# 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

58.3349, 49.5128, 24.0363

### Protanopia

58.5399, -4.7477, 17.6680

### Deuteranopia

58.4516, 4.1972, 25.1093



## Tritanopia

58.2759, 51.9467, 19.0623

# Trichromacy



## Original Color

58.3349, 49.5128, 24.0363

## Protanomaly

57.3064, 13.4976, 19.0776

## Deuteranomaly

57.6370, 20.4578, 23.9871

## Tritanomaly

58.3443, 50.9139, 20.9668

# Monochromacy



## Original Color

58.3349, 49.5128, 24.0363

## Achromatopsia

56.8457, -3.0331, 3.0885

## Achromatomaly

55.9382, 14.0862, 10.4204

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.3349, 49.5128, 24.0363 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, 113, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 102)  
}
```

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, 113, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 102) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.3349, 49.5128, 24.0363 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, 113, 102) }
```



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

```
.border{ border-color:rgb(255, 113, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
102) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.3349, 49.5128, 24.0363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 102) }
```

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

```
.background{ background-color: rgb(255,  
113, 102) }
```

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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