

# Converting Colors

HunterLab(59.2558, 38.3784,  
33.1797)

Have a look what the booklet for  
HunterLab(59.2558, 38.3784,  
33.1797) contains.

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# Color

**HunterLab(59.2558, 38.3784,  
33.1797)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F97D3A
RGB	249, 125, 58
RGB Percent	98%, 49%, 23%
CMY	0.0235, 0.5098, 0.7725
CMYK	0.00, 0.50, 0.77, 0.02
HSL	21°, 94%, 60%
HSV	21°, 77%, 98%
XYZ	47.1643, 35.1125, 8.2946
YIQ	154.4380, 95.4110, 5.4510

# Conversions

## Conversions Part 2

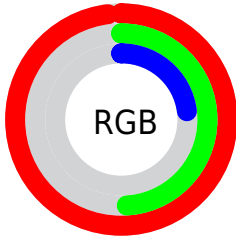
Format	Color
R <sub>Y</sub> B	249, 161, 58
Decimal	16350522
CIE Lab	65.84, 43.10, 56.31
CIE LCh	66, 70.916, 52.570
Yxy	35.1144, 0.5207, 0.3877
Android (android.graphics.Color)	4294540602 (0xFFFF97D3A)
YUV	154.4380, -47.5439, 82.9309
Hunter-Lab	59.2558, 38.3784, 33.1797

# Details

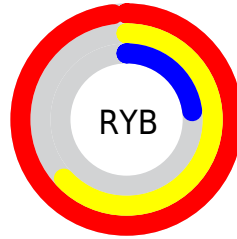
The HunterLab color **59.2558, 38.3784, 33.1797** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **64.1813, -13.3892, -43.4781**, and the grayscale version is **57.1848, -3.0512, 3.1070**.

A 20% lighter version of the original color is **73.8947, 15.9110, 34.2036**, and **38.9926, 35.3689, 24.6462** is the 20% darker color. If you saturate the color by 10%, you get **55.8157, 45.5767, 33.6549**, and if you desaturate by 10%, it is **63.1374, 31.3614, 31.7877**.

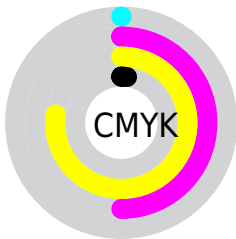
# Distribution



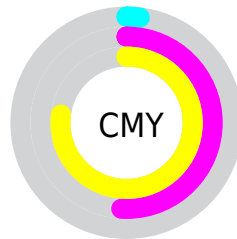
- Red (98%)
- Green (49%)
- Blue (23%)



- Red (98%)
- Yellow (63%)
- Blue (23%)



- Cyan (0%)
- Magenta (50%)
- Yellow (77%)
- Black (2%)




- Cyan (2%)
- Magenta (51%)
- Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.2558, 38.3784, 33.1797 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 59.2558, 38.3784, 33.1797 by changing the saturation by 10% instead.





 59.2558, 38.3784,  
33.1797


 59.2558, 38.3784,  
33.1797


180.2978, 46.9393,  
64.3694


 48.7350, 36.9540,  
29.0123


 82.2575, 40.8853,  
40.9368


 38.9218, 35.4152,  
24.6064


 94.6662, 41.9917,  
44.5823


 29.8731, 33.7564,  
20.1516


 107.6429, 43.0081,  
48.1032

 21.6603, 31.9924,  
15.1622

 121.1636, 43.9409,  
51.5175

 14.3789, 30.1933,  
10.0652

 135.2073, 44.7957,  
54.8399

 8.0390, 29.5635,  
5.6273

 149.7553, 45.5774,

0.0000, INF, NaN

58.0828

0.0000, NaN, NaN

164.7906, 46.2906,  
61.2564

0.0000, NaN, NaN

■ 59.2558, 38.3784,  
33.1797

■ 59.2558, 38.3784,  
33.1797

■ 55.8157, 45.5767,  
33.6549

■ 63.1374, 31.3614,  
31.7877

■ 52.8489, 52.7420,  
33.2243

■ 67.4139, 24.6826,  
29.5430

■ 51.9745, 55.0180,  
32.9896

■ 72.0449, 18.4154,  
26.5431

■ 76.9916, 12.5904,  
22.8898

■ 82.2186, 7.2063,  
18.6782

87.6951, 2.2431,  
13.9914

93.3944, -2.3291,  
8.8998

99.2216, -6.9394,  
4.4854

99.4382, -7.2954,  
4.7358

# Harmonies

## Analogous

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



59.2574, 63.8626, 21.3681



59.2558, 38.3784, 33.1797



59.2574, 4.8810, 36.6516

# Triad

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



59.2574, 38.3741, 33.1804



59.2574, -52.1008, 10.2097



59.2574, 21.9497, -78.5796

# Complementary

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



59.2558, 38.3784, 33.1797



64.1813, -13.3892, -43.4781

# 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.



59.2574, -10.8034, -87.2105



59.2558, 38.3784, 33.1797



59.2574, -49.4045, -23.4584

# Square

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



59.2574, 38.3741, 33.1804



59.2574, -44.0371, 28.6641



59.2574, -35.6982, -63.2910



59.2574, 53.0809, -43.6307



# Rectangle

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



59.2558, 38.3784, 33.1797



59.2574, -15.7925, 36.4220



59.2574, -35.6982, -63.2910



59.2574, 10.6173, -85.2039

# Sweetspot

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



59.2574, 38.3741, 33.1804



86.5152, 5.4802, 17.4728



51.5263, 79.7121, -17.8723



39.0970, 3.4107, 8.8658

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



59.2574, 38.3741, 33.1804



55.6358, 50.8338, 34.4471



84.7439, -10.3034, 49.2376



42.6863, -0.5070, 4.8174



38.3410, 39.3851, 24.3151



12.4589, 9.9128, 7.8506

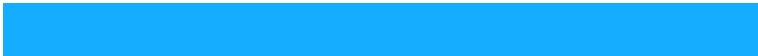


# Inverse Universe

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



64.1813, -13.3892, -43.4781



60.9460, -9.3240, -54.6457



38.0779, 37.5440, -115.4271



43.0391, -3.8863, -0.2524



42.0753, -5.0158, -41.7627



13.5592, -2.6993, -11.1208



# Previews

## White Background



This preview shows how the HunterLab color 59.2558, 38.3784, 33.1797 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 59.2558, 38.3784, 33.1797 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 59.2558, 38.3784, 33.1797 Background



This preview shows how black text looks on a background with the HunterLab color 59.2558, 38.3784, 33.1797.



This preview shows how white text looks on a background with the HunterLab color 59.2558, 38.3784,



# 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

59.2558, 38.3784, 33.1797

### Protanopia

59.4744, -7.5937, 31.0630

### Deuteranopia

59.2489, 4.4450, 33.5670



## Tritanopia

59.2947, 47.9251, 17.6391

# Trichromacy



## Original Color

59.2558, 38.3784, 33.1797

## Protanomaly

58.6407, 8.2311, 31.3740

## Deuteranomaly

58.7439, 16.4000, 33.0854

## Tritanomaly

59.2651, 43.7782, 24.9682

# Monochromacy



## Original Color

59.2558, 38.3784, 33.1797

## Achromatopsia

56.8457, -3.0331, 3.0885

## Achromatomaly

56.3876, 9.3901, 16.5591

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.2558, 38.3784, 33.1797 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(249, 125, 58)` looks like.

```
.text, #text, p{  
    color:rgb(249, 125, 58)  
}
```

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(249, 125, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 125, 58) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.2558, 38.3784, 33.1797 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(249, 125, 58) }
```



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

```
.border{ border-color:rgb(249, 125, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 125, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 125, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 125, 58);  
box-shadow:4px 4px 4px 4px rgb(249, 125,  
58) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.2558, 38.3784, 33.1797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 125, 58) }
```

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

```
.background{ background-color: rgb(249,  
125, 58) }
```

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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