

# Converting Colors

HunterLab(59.1315, 37.5379,  
28.1689)

Have a look what the booklet for  
HunterLab(59.1315, 37.5379,  
28.1689) contains.

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# Color

**HunterLab(59.1659, 37.6426,  
28.2942)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F57E56
RGB	245, 126, 86
RGB Percent	96%, 49%, 34%
CMY	0.0392, 0.5059, 0.6627
CMYK	0.00, 0.49, 0.65, 0.04
HSL	15°, 89%, 65%
HSV	15°, 65%, 96%
XYZ	46.7967, 35.0060, 13.0945
YIQ	157.0210, 83.7640, 12.7880

# Conversions

## Conversions Part 2

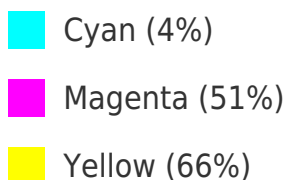
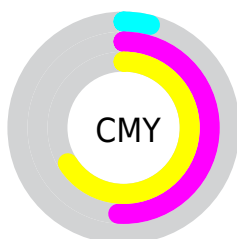
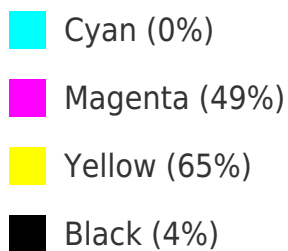
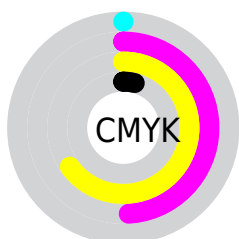
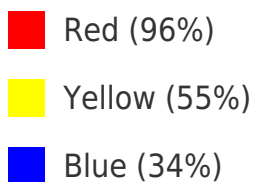
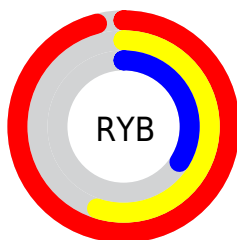
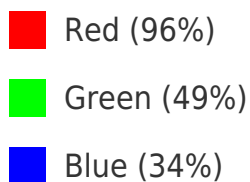
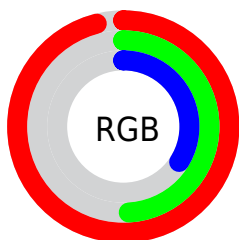
Format	Color
<a href="#">RYB</a>	<a href="#">245, 139, 86</a>
Decimal	<a href="#">16088662</a>
CIELab	<a href="#">65.75, 42.43, 42.23</a>
CIELCh	<a href="#">66, 59.866, 44.870</a>
Yxy	<a href="#">35.0079, 0.4931, 0.3689</a>
Android (android.graphics.Color)	<a href="#">4294278742</a> (0xFFFF57E56)
YUV	<a href="#">157.0210, -35.0134, 77.1576</a>
Hunter-Lab	<a href="#">59.1659, 37.6426, 28.2942</a>

# Details

The HunterLab color **59.1659, 37.6426, 28.2942** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **72.2706, -22.3706, -26.7287**, and the grayscale version is **58.1898, -3.1049, 3.1616**.

A 20% lighter version of the original color is **74.9092, 17.3131, 27.7296**, and **38.8649, 34.5311, 21.7555** is the 20% darker color. If you saturate the color by 10%, you get **55.1460, 45.3981, 29.9523**, and if you desaturate by 10%, it is **63.7179, 30.0297, 25.9281**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.1659, 37.6426, 28.2942 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 59.1659, 37.6426, 28.2942 by changing the saturation by 10% instead.





 59.1659, 37.6426,  
28.2942


 59.1659, 37.6426,  
28.2942


180.1675, 46.0000,  
52.8123


 48.6508, 36.2426,  
25.0829


 82.1572, 40.1017,  
34.2954


 38.8436, 34.7276,  
21.6834


 94.5611, 41.1846,  
37.1338


 29.8016, 33.0913,  
18.0502


 107.5331, 42.1779,  
39.8890

 21.5960, 31.3470,  
14.7007

 121.0494, 43.0880,  
42.5746

 14.3228, 29.5604,  
10.0260

 135.0889, 43.9205,  
45.2015

 7.9818, 28.9935,  
5.5873

149.6328, 44.6805,


0.0000, INF, NaN


47.7787


0.0000, NaN, NaN


164.6641, 45.3724,  
50.3136


0.0000, NaN, NaN


 59.1659, 37.6426,  
28.2942


 59.1659, 37.6426,  
28.2942


 55.1460, 45.3981,  
29.9523


 63.7179, 30.0297,  
25.9281


 51.7174, 53.0417,  
30.7899


 68.7328, 22.7335,  
22.9778


 48.9355, 60.1918,  
30.7664


 74.1528, 15.8298,  
19.5606


 47.7694, 63.4777,  
30.5466

 79.9255, 9.3429,  
15.7734

 86.0061, 3.2636,  
11.6927

 92.3569, -2.4356,  
7.3771

 98.8644, -8.2413,  
4.0383

 99.0719, -8.5795,  
4.2790

# Harmonies

## Analogous

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



59.1675, 54.8502, 14.3979



59.1659, 37.6426, 28.2942



59.1675, 10.7945, 33.5719

# Triad

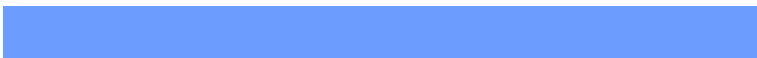
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.1675, 37.6385, 28.2950



59.1675, -44.8905, 14.5675



59.1675, 10.5492, -65.7673

# Complementary

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



59.1659, 37.6426, 28.2942



72.2706, -22.3706, -26.7287

# 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.



59.1675, -15.9306, -65.6532



59.1659, 37.6426, 28.2942



59.1675, -44.9327, -10.6789

# Square

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



59.1675, 37.6385, 28.2950



59.1675, -35.1005, 28.3718



59.1675, -35.2280, -42.4291



59.1675, 37.4318, -42.6941



# Rectangle

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



59.1659, 37.6426, 28.2942



59.1675, -7.4407, 34.0864



59.1675, -35.2280, -42.4291



59.1675, 1.2456, -68.6862

# Sweetspot

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



59.1675, 37.6385, 28.2950



87.3332, 6.0011, 14.0388



55.2159, 71.5840, -26.9121



39.5626, 3.6231, 7.0595

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



59.1675, 37.6385, 28.2950



56.4666, 50.1545, 31.7305



79.9165, -3.0988, 42.6580



41.4246, 0.0622, 4.3473



35.3242, 45.7964, 22.5684



11.1981, 11.4926, 7.1014



# Inverse Universe

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



72.2706, -22.3706, -26.7287



71.9056, -22.7976, -34.1003



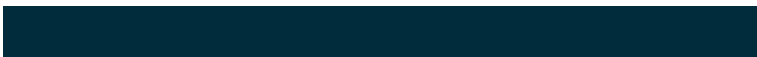
48.4036, 17.6220, -75.6800



42.4386, -4.3498, 0.1689



47.0183, -13.3521, -29.9456



14.5105, -4.7630, -7.8549



# Previews

## White Background



This preview shows how the HunterLab color 59.1659, 37.6426, 28.2942 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 59.1659, 37.6426, 28.2942 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

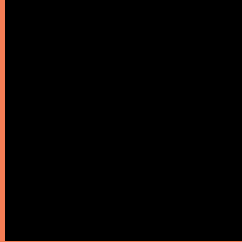
Any Text WCAG AA ✓ Pass

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 59.1659, 37.6426, 28.2942 Background



This preview shows how black text looks on a background with the HunterLab color 59.1659, 37.6426, 28.2942.



This preview shows how white text looks on a background with the HunterLab color 59.1659, 37.6426,



# 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

59.1659, 37.6426, 28.2942

### Protanopia

59.2768, -6.0040, 24.8631

### Deuteranopia

59.3565, 3.9816, 29.0640






## Tritanopia

59.1894, 44.6651, 16.4500

# Trichromacy

	<b>Original Color</b> 59.1659, 37.6426, 28.2942
	<b>Protanomaly</b> 58.5383, 8.6426, 25.4967
	<b>Deuteranomaly</b> 58.7795, 15.8040, 28.4443
	<b>Tritanomaly</b> 59.1194, 41.6784, 21.4909

# Monochromacy

	<b>Original Color</b> 59.1659, 37.6426, 28.2942
	<b>Achromatopsia</b> 58.0658, -3.0982, 3.1548
	<b>Achromatomaly</b> 57.4589, 9.3009, 13.4117

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.1659, 37.6426, 28.2942 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(245, 126, 86)` looks like.

```
.text, #text, p{  
    color:rgb(245, 126, 86)  
}
```

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(245, 126, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 126, 86) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.1659, 37.6426, 28.2942 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(245, 126, 86) }
```



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

```
.border{ border-color:rgb(245, 126, 86) }
```

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

Here you see how a box with a 4 pixel rgb(245, 126, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 126, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 126, 86);  
box-shadow:4px 4px 4px 4px rgb(245, 126,  
86) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.1659, 37.6426, 28.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 126, 86) }
```

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

```
.background{ background-color: rgb(245,  
126, 86) }
```

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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