

# Converting Colors

HunterLab(59.7387, 43.2731,  
30.9616)

Have a look what the booklet for  
HunterLab(59.7387, 43.2731,  
30.9616) contains.

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# Color

**HunterLab(59.7387, 43.2731,  
30.9616)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7A4B
RGB	255, 122, 75
RGB Percent	100%, 48%, 29%
CMY	0.0000, 0.5215, 0.7059
CMYK	0.00, 0.52, 0.71, 0.00
HSL	16°, 100%, 65%
HSV	16°, 71%, 100%
XYZ	49.4696, 35.6871, 10.9376
YIQ	156.4090, 94.3550, 13.5790

# Conversions

## Conversions Part 2

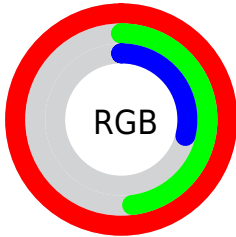
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 139, 75
Decimal	16742987
CIE <sub>Lab</sub>	66.28, 47.53, 48.89
CIE <sub>LCh</sub>	66, 68.190, 45.806
Yxy	35.6891, 0.5148, 0.3714
Android (android.graphics.Color)	4294933067 (0xFFFF7A4B)
YUV	156.4090, -40.1346, 86.4643
Hunter-Lab	59.7387, 43.2731, 30.9616

# Details

The HunterLab color **59.7387, 43.2731, 30.9616** 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 **73.3649, -22.5371, -31.6444**, and the grayscale version is **57.9579, -3.0925, 3.1490**.

A 20% lighter version of the original color is **73.6279, 18.3774, 29.7960**, and **39.4174, 39.9418, 23.5181** is the 20% darker color. If you saturate the color by 10%, you get **55.8747, 51.3191, 32.1856**, and if you desaturate by 10%, it is **64.1833, 35.2636, 28.9114**.

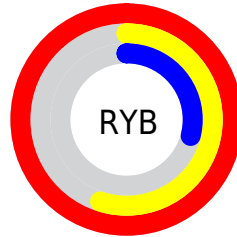
# Distribution



Red (100%)

Green (48%)

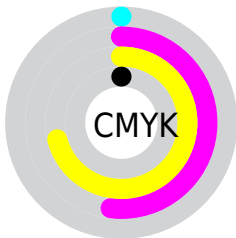
Blue (29%)



Red (100%)

Yellow (55%)

Blue (29%)

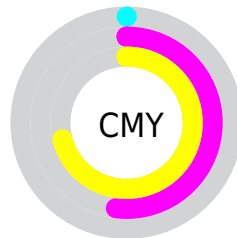


Cyan (0%)

Magenta (52%)

Yellow (71%)

Black (0%)



Cyan (0%)

Magenta (52%)


Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.7387, 43.2731, 30.9616 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 59.7387, 43.2731, 30.9616 by changing the saturation by 10% instead.





 59.7387, 43.2731,  
30.9616


 59.7387, 43.2731,  
30.9616


180.9971, 53.1580,  
58.5738


 49.1876, 41.6936,  
27.3054


 82.7961, 46.0900,  
37.7770


 39.3417, 40.0035,  
23.4347


 95.2306, 47.3490,  
40.9894


 30.2578, 38.2032,  
19.3087


 108.2318, 48.5156,  
44.0993

 22.0060, 36.3205,  
15.4042

 121.7762, 49.5961,  
47.1227

 14.6807, 34.4556,  
10.2765

 135.8427, 50.5958,  
50.0721

 8.3392, 33.5783,  
5.8374

150.4127, 51.5198,

0.0000, INF, NaN

52.9582

0.0000, NaN, NaN

165.4692, 52.3725,  
55.7897

0.0000, NaN, NaN

■ 59.7387, 43.2731,  
30.9616

■ 59.7387, 43.2731,  
30.9616

■ 55.8747, 51.3191,  
32.1856

■ 64.1833, 35.2636,  
28.9114

■ 52.6473, 59.0843,  
32.5021

■ 69.1379, 27.5211,  
26.1566

■ 50.2255, 65.7181,  
32.0992

■ 74.5405, 20.1615,  
22.8261

■ 80.3339, 13.2348,  
19.0335

■ 86.4686, 6.7461,  
14.8718

92.9020, 0.6749,  
10.4139

99.5988, -5.0128,  
5.7157

99.9999, -5.3359,  
5.4331

# Harmonies

## Analogous

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



59.7403, 64.1089, 16.5031



59.7387, 43.2731, 30.9616



59.7403, 11.8309, 35.9455

# Triad

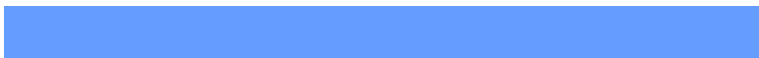
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.7403, 43.2686, 30.9624



59.7403, -49.9599, 15.3444



59.7403, 13.5816, -78.8225

# Complementary

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



59.7387, 43.2731, 30.9616



73.3649, -22.5371, -31.6444

# 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.



59.7403, -16.8608, -79.6908



59.7387, 43.2731, 30.9616



59.7403, -49.6776, -13.9660

# Square

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



59.7403, 43.2686, 30.9624



59.7403, -39.5943, 30.4803



59.7403, -38.7260, -51.9425



59.7403, 44.7693, -49.9564



# Rectangle

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



59.7387, 43.2731, 30.9616



59.7403, -8.9905, 36.3392



59.7403, -38.7260, -51.9425



59.7403, 2.8390, -82.7519

# Sweetspot

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



59.7403, 43.2686, 30.9624



86.2095, 7.0054, 15.0498



55.6286, 80.3805, -29.3006



39.0878, 4.0523, 7.5078

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



59.7403, 43.2686, 30.9624



54.3689, 54.8046, 32.4385



82.3779, -2.1106, 45.9327



43.3108, 0.0190, 4.5875



36.5860, 46.6628, 23.3610



12.1314, 12.5115, 7.6943



# Inverse Universe

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



73.3649, -22.5371, -31.6444



69.4305, -20.8697, -38.3726



47.0629, 22.5804, -89.7913



44.3072, -4.4982, 0.1256



47.8669, -12.9090, -31.9625



15.5193, -4.8580, -8.9108



# Previews

## White Background



This preview shows how the HunterLab color 59.7387, 43.2731, 30.9616 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 59.7387, 43.2731, 30.9616 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

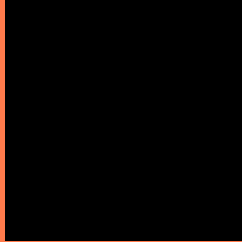
Any Text WCAG AA ✓ Pass

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 59.7387, 43.2731, 30.9616 Background



This preview shows how black text looks on a background with the HunterLab color 59.7387, 43.2731, 30.9616.



This preview shows how white text looks on a background with the HunterLab color 59.7387, 43.2731, 30.9616.



# 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

59.7387, 43.2731, 30.9616

### Protanopia

60.0085, -6.7293, 27.7372

### Deuteranopia

59.9550, 4.3025, 31.6112



## Tritanopia

59.7474, 49.0635, 18.4215

# Trichromacy



## Original Color

59.7387, 43.2731, 30.9616

## Protanomaly

58.8335, 10.6601, 28.1924

## Deuteranomaly

59.3069, 18.4972, 30.9089

## Tritanomaly

59.5946, 46.9409, 23.7049

# Monochromacy



## Original Color

59.7387, 43.2731, 30.9616

## Achromatopsia

57.6586, -3.0765, 3.1327

## Achromatomaly

57.1711, 10.9210, 14.5969

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.7387, 43.2731, 30.9616 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, 122, 75)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 75)  
}
```

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, 122, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 75) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.7387, 43.2731, 30.9616 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, 122, 75) }
```



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

```
.border{ border-color:rgb(255, 122, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 75);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
75) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.7387, 43.2731, 30.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 75) }
```

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

```
.background{ background-color: rgb(255,  
122, 75) }
```

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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