

Converting Colors

HunterLab(66.7970, 52.2434,
38.1240)

Have a look what the booklet for
HunterLab(66.7970, 52.2434,
38.1240) contains.

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Color

**HunterLab(61.5057, 38.0499,
34.3098)**

Conversions

Conversions Part 1

Format	Color
Hex	FF833D
RGB	255, 131, 61
RGB Percent	100%, 51%, 24%
CMY	0.0000, 0.4862, 0.7608
CMYK	0.00, 0.49, 0.76, 0.00
HSL	22°, 100%, 62%
HSV	22°, 76%, 100%
XYZ	50.1986, 37.8295, 9.0710
YIQ	160.0960, 96.3740, 4.5180

Conversions

Conversions Part 2

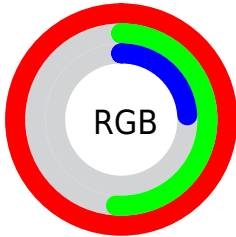
Format	Color
RYB	255, 171, 61
Decimal	16745277
CIELab	67.90, 42.54, 57.30
CIElCh	68, 71.363, 53.407
Yxy	37.8316, 0.5170, 0.3896
Android (android.graphics.Color)	4294935357 (0xFFFF833D)
YUV	160.0960, -48.8543, 83.2308
Hunter-Lab	61.5057, 38.0499, 34.3098

Details

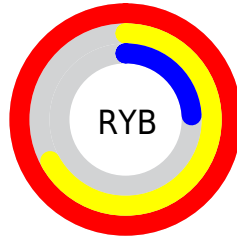
The HunterLab color **61.5057, 38.0499, 34.3098** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **65.5037, -12.9273, -45.4959**, and the grayscale version is **59.4966, -3.1746, 3.2326**.

A 20% lighter version of the original color is **75.8602, 12.4810, 34.9823**, and **40.9939, 35.1617, 25.7512** is the 20% darker color. If you saturate the color by 10%, you get **57.9479, 45.3646, 34.8342**, and if you desaturate by 10%, it is **65.5001, 30.9574, 32.8371**.

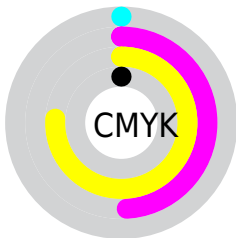
Distribution



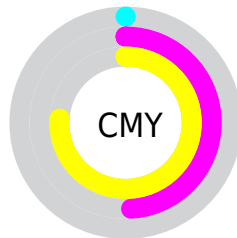
- Red (100%)
- Green (51%)
- Blue (24%)



- Red (100%)
- Yellow (67%)
- Blue (24%)



- Cyan (0%)
- Magenta (49%)
- Yellow (76%)
- Black (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.5057, 38.0499, 34.3098 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 61.5057, 38.0499, 34.3098 by changing the saturation by 10% instead.

61.5057, 38.0499,
34.3098

61.5057, 38.0499,
34.3098

183.5475, 46.2847,
65.7687

50.8448, 36.6700,
30.1218

84.7643, 40.4728,
42.1183

40.8815, 35.1767,
25.7001

97.2921, 41.5400,
45.7929

31.6702, 33.5620,
21.1167

110.3826, 42.5190,
49.3442

23.2785, 31.8345,
16.2949

124.0126, 43.4159,
52.7896

15.7958, 30.0431,
11.0570

138.1616, 44.2364,
56.1436

9.3497, 28.3928,
6.5448

152.8112, 44.9852,

0.0000, INF, NaN

59.4184

0.0000, NaN, NaN

167.9448, 45.6667,
62.6239

0.0000, NaN, NaN

■ 61.5057, 38.0499,
34.3098

■ 61.5057, 38.0499,
34.3098

■ 57.9479, 45.3646,
34.8342

■ 65.5001, 30.9574,
32.8371

■ 54.8584, 52.7006,
34.4157

■ 69.8850, 24.2332,
30.4813

■ 53.7749, 55.4938,
34.1074

■ 74.6213, 17.9431,
27.3406

■ 79.6709, 12.1119,
23.5178

■ 84.9993, 6.7349,
19.1092

■ 90.5764, 1.7899,
14.1997

■ 96.3760, -2.7546,
8.8612

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



61.5074, 64.2977, 22.4180



61.5057, 38.0499, 34.3098



61.5074, 3.9698, 37.7908

Triad

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



61.5074, 38.0455, 34.3106



61.5074, -53.4114, 9.7205



61.5074, 23.2319, -78.6883

Complementary

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



61.5057, 38.0499, 34.3098



65.5037, -12.9273, -45.4959

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.



61.5074, -10.2187, -88.3186



61.5057, 38.0499, 34.3098



61.5074, -50.3328, -24.8736

Square

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



61.5074, 38.0455, 34.3106



61.5074, -45.4434, 29.0884



61.5074, -35.9509, -64.9958



61.5074, 54.5915, -42.9993

Rectangle

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



61.5057, 38.0499, 34.3098



61.5074, -16.9645, 37.4691



61.5074, -35.9509, -64.9958



61.5074, 11.7051, -85.6437

Sweetspot

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



61.5074, 38.0455, 34.3106



86.6907, 5.1685, 17.6482



53.0940, 81.5342, -18.4193



39.1897, 3.2439, 8.9562

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.5074, 38.0455, 34.3106



56.3667, 48.9908, 34.7407



87.1407, -10.6413, 50.5053



43.6577, -0.5737, 4.9665



39.2006, 39.2161, 24.8417



13.0177, 10.1914, 8.1999

Inverse Universe

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



65.5037, -12.9273, -45.4959



60.5199, -8.5348, -55.5424



39.4229, 38.0443, -117.3259



43.9479, -3.9161, -0.3072



42.1302, -4.1587, -43.6818



13.9127, -2.5046, -11.9830

Previews

White Background



This preview shows how the HunterLab color 61.5057, 38.0499, 34.3098 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 61.5057, 38.0499, 34.3098 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 61.5057, 38.0499, 34.3098 Background



This preview shows how black text looks on a background with the HunterLab color 61.5057, 38.0499, 34.3098.



This preview shows how white text looks on a background with the HunterLab color 61.5057, 38.0499, 34.3098.

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

61.5057, 38.0499, 34.3098

Protanopia

61.5774, -7.6340, 32.0702

Deuteranopia

61.4662, 4.8553, 34.7112



Tritanopia

61.5654, 45.9380, 17.0198

Trichromacy



Original Color

61.5057, 38.0499, 34.3098

Protanomaly

60.7366, 8.2779, 32.3868

Deuteranomaly

61.2151, 16.3787, 34.3835

Tritanomaly

61.4491, 42.3919, 25.1856

Monochromacy



Original Color

61.5057, 38.0499, 34.3098

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

58.7811, 9.1601, 17.1472

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.5057, 38.0499, 34.3098 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, 131, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 61)  
}
```

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, 131, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 61.5057, 38.0499, 34.3098 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, 131, 61) }
```


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

```
.border{ border-color:rgb(255, 131, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 131, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.5057, 38.0499, 34.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 61) }
```

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

```
.background{ background-color: rgb(255,  
131, 61) }
```

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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