

Converting Colors

HunterLab(57.0018, 33.3110,
31.1745)

Have a look what the booklet for
HunterLab(57.0018, 33.3110,
31.1745) contains.

HunterLab(57.0834, 33.4460, 31.1745)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(57.0834, 33.4460,
31.1745)**

Conversions

Conversions Part 1

Format	Color
Hex	EC7C3D
RGB	236, 124, 61
RGB Percent	93%, 49%, 24%
CMY	0.0745, 0.5137, 0.7608
CMYK	0.00, 0.47, 0.74, 0.07
HSL	22°, 82%, 58%
HSV	22°, 74%, 93%
XYZ	42.6421, 32.5851, 8.4570
YIQ	150.3060, 86.9750, 4.1510

Conversions

Conversions Part 2

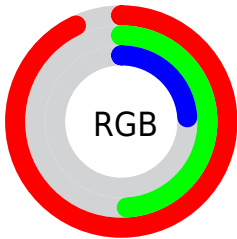
Format	Color
R _Y B	236, 159, 61
Decimal	15498301
CIE Lab	63.83, 38.70, 52.29
CIE LCh	64, 65.056, 53.499
Yxy	32.5869, 0.5095, 0.3894
Android (android.graphics.Color)	4293688381 (0xFFEC7C3D)
YUV	150.3060, -44.0279, 75.1536
Hunter-Lab	57.0834, 33.4460, 31.1745

Details

The HunterLab color **57.0834, 33.4460, 31.1745** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **60.7726, -12.3410, -40.1888**, and the grayscale version is **55.4983, -2.9612, 3.0153**.

A 20% lighter version of the original color is **73.6686, 16.6667, 33.3488**, and **37.1202, 30.6196, 23.0883** is the 20% darker color. If you saturate the color by 10%, you get **53.7455, 40.0910, 31.8520**, and if you desaturate by 10%, it is **60.8109, 27.0341, 29.6459**.

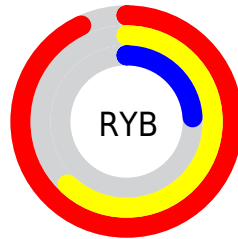
Distribution



Red (93%)

Green (49%)

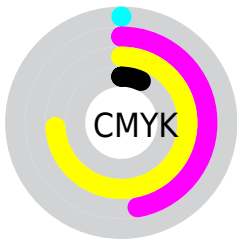
Blue (24%)



Red (93%)

Yellow (62%)

Blue (24%)

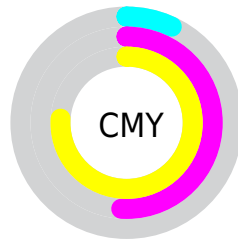


Cyan (0%)

Magenta (47%)

Yellow (74%)

Black (7%)



Cyan (7%)

Magenta (51%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.0834, 33.4460, 31.1745 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 57.0834, 33.4460, 31.1745 by changing the saturation by 10% instead.

57.0834, 33.4460,
31.1745

57.0834, 33.4460,
31.1745

177.1395, 40.7665,
60.6226

46.7014, 32.1663,
27.2355

79.8311, 35.6643,
38.4942

37.0371, 30.7692,
23.0609

92.1223, 36.6281,
41.9325

28.1504, 29.2450,
18.8182

104.9867, 37.5040,
45.2539

20.1162, 27.6014,
14.0814

118.3997, 38.2984,
48.4759

13.0372, 25.8942,
9.1260

132.3398, 39.0171,
51.6128

6.5073, 28.5247,
4.5551

146.7876, 39.6652,

0.0000, INF, NaN

54.6767

0.0000, NaN, NaN

161.7261, 40.2470,
57.6771

0.0000, NaN, NaN

■ 57.0834, 33.4460,
31.1745

■ 57.0834, 33.4460,
31.1745

■ 53.7455, 40.0910,
31.8520

■ 60.8109, 27.0341,
29.6459

■ 50.8272, 46.8043,
31.6624


■ 64.8857, 20.9742,
27.3341


■ 49.3202, 50.6329,
31.2773


■ 69.2728, 15.3159,
24.3306


■ 73.9382, 10.0751,
20.7279

■ 78.8514, 5.2437,
16.6112

 83.9859, 0.7993,
12.0549

 89.3184, -3.2875,
7.1220

 94.8292, -7.0490,
1.8646

 98.2714, -11.4021,
3.2752

Harmonies

Analogous

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



57.0849, 56.5714, 20.2639



57.0834, 33.4460, 31.1745



57.0849, 3.3052, 34.4621

Triad

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



57.0849, 33.4420, 31.1752



57.0849, -48.0197, 8.7132



57.0849, 20.5485, -68.5944

Complementary

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



57.0834, 33.4460, 31.1745



60.7726, -12.3410, -40.1888

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.



57.0849, -9.1368, -77.0186



57.0834, 33.4460, 31.1745



57.0849, -45.1981, -21.9039

Square

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



57.0849, 33.4420, 31.1752



57.0849, -40.8371, 26.2716



57.0849, -32.1894, -56.8841



57.0849, 48.1626, -37.5380

Rectangle

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



57.0834, 33.4460, 31.1745



57.0849, -15.3147, 34.1447



57.0849, -32.1894, -56.8841



57.0849, 10.3487, -74.6426

Sweetspot

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



57.0849, 33.4420, 31.1752



87.2314, 4.6926, 17.1497



49.2502, 73.1897, -17.0415



39.6635, 2.8047, 8.5365

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



57.0849, 33.4420, 31.1752



56.9599, 47.6090, 34.7851



80.0871, -9.9466, 45.9065



39.9271, -0.5354, 4.5188



36.9210, 36.7643, 23.3942



11.1676, 8.1872, 7.0248

Inverse Universe

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



60.7726, -12.3410, -40.1888



61.2094, -9.3373, -54.0875



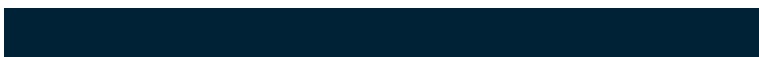
37.2900, 32.8404, -102.6214



40.1954, -3.5738, -0.2554



39.7467, -4.0991, -40.8312



11.9234, -2.3758, -9.7745

Previews

White Background



This preview shows how the HunterLab color 57.0834, 33.4460, 31.1745 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 57.0834, 33.4460, 31.1745 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 57.0834, 33.4460, 31.1745 Background



This preview shows how black text looks on a background with the HunterLab color 57.0834, 33.4460, 31.1745.



This preview shows how white text looks on a background with the HunterLab color 57.0834, 33.4460,

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

57.0834, 33.4460, 31.1745

Protanopia

57.1450, -6.7943, 29.0817

Deuteranopia

57.1074, 4.3706, 31.5133



Tritanopia

57.0561, 42.9978, 15.7488

Trichromacy



Original Color

57.0834, 33.4460, 31.1745

Protanomaly

56.5278, 6.8357, 29.3821

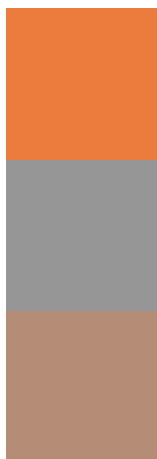
Deuteranomaly

56.8471, 14.3916, 31.2436

Tritanomaly

57.0696, 38.9214, 22.7880

Monochromacy



Original Color

57.0834, 33.4460, 31.1745

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

54.9377, 7.3470, 15.4836

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.0834, 33.4460, 31.1745 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(236, 124, 61)` looks like.

```
.text, #text, p{  
    color:rgb(236, 124, 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(236, 124, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 124, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 57.0834, 33.4460, 31.1745 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(236, 124, 61) }
```


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

```
.border{ border-color:rgb(236, 124, 61) }
```

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

Here you see how a box with a 4 pixel rgb(236, 124, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 124, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 124, 61);  
box-shadow:4px 4px 4px 4px rgb(236, 124,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.0834, 33.4460, 31.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 124, 61) }
```

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

```
.background{ background-color: rgb(236,  
124, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor