

Converting Colors

HunterLab(53.8133, 37.8819,
33.8227)

Have a look what the booklet for
HunterLab(53.8133, 37.8819,
33.8227) contains.

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Color

**HunterLab(53.8805, 38.0438,
33.8669)**

Conversions

Conversions Part 1

Format	Color
Hex	EB6F00
RGB	235, 111, 0
RGB Percent	92%, 44%, 0%
CMY	0.0784, 0.5647, 1.0000
CMYK	0.00, 0.53, 1.00, 0.08
HSL	28°, 100%, 46%
HSV	28°, 100%, 92%
XYZ	39.9454, 29.0311, 3.4982
YIQ	135.4220, 109.5350, -8.2330

Conversions

Conversions Part 2

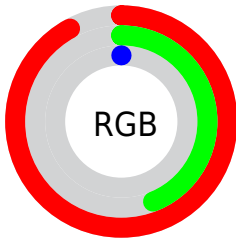
Format	Color
R_{YB}	235, 210, 0
Decimal	15429376
CIE Lab	60.81, 43.45, 68.85
CIE LCh	61, 81.410, 57.746
Yxy	29.0327, 0.5512, 0.4006
Android (android.graphics.Color)	4293619456 (0xFFEB6F00)
YUV	135.4220, -66.7630, 87.3299
Hunter-Lab	53.8805, 38.0438, 33.8669

Details

The HunterLab color **53.8805, 38.0438, 33.8669** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **45.1811, 8.6518, -75.1485**, and the grayscale version is **49.6169, -2.6474, 2.6958**.

A 20% lighter version of the original color is **69.7048, 20.7517, 38.6634**, and **34.3305, 35.3760, 21.7736** is the 20% darker color. If you saturate the color by 10%, you get **53.8811, 38.0417, 33.8673**, and if you desaturate by 10%, it is **56.5626, 32.1519, 34.5385**.

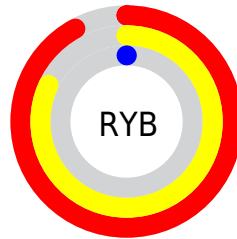
Distribution



Red (92%)

Green (44%)

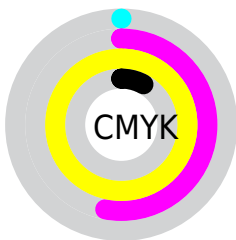
Blue (0%)



Red (92%)

Yellow (82%)

Blue (0%)

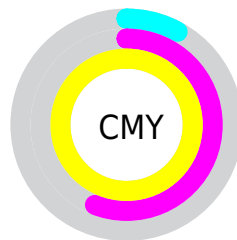


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.8805, 38.0438, 33.8669 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 53.8805, 38.0438, 33.8669 by changing the saturation by 10% instead.

53.8805, 38.0438,
33.8669

53.8805, 38.0438,
33.8669

172.4440, 47.0938,
71.7233

43.7099, 36.5477,
28.7595

76.2424, 40.6833,
43.3877

34.2733, 34.9358,
23.8081

88.3555, 41.8500,
47.8467

25.6347, 33.2091,
17.9443

101.0499, 42.9230,
52.1377

17.8760, 31.4034,
12.5132

114.2999, 43.9091,
56.2820

11.1114, 29.6638,
7.7780

128.0832, 44.8142,
60.2980

2.9954, 65.3116,
2.0968

142.3799, 45.6437,

0.0000, INF, NaN

64.2016

0.0000, NaN, NaN

157.1722, 46.4021,
68.0062

0.0000, NaN, NaN

53.8805, 38.0438,
33.8669

53.8805, 38.0438,
33.8669

53.8811, 38.0417,
33.8673

56.5626, 32.1519,
34.5385

59.5159, 26.4653,
34.4567

62.7339, 21.1151,
33.4699

66.1987, 16.1629,
31.5881

69.8912, 11.6366,
28.8603

■ 73.7924, 7.5410,
25.3532

■ 77.8844, 3.8655,
21.1395

■ 82.1507, 0.5901,
16.2908

■ 86.5764, -2.3106,
10.8740

Harmonies

Analogous

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



53.8820, 70.7338, 25.0663



53.8805, 38.0438, 33.8669



53.8820, -0.2002, 35.7209

Triad

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



53.8820, 38.0396, 33.8675



53.8820, -55.0609, 5.3952



53.8820, 32.2482, -90.3296

Complementary

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



53.8805, 38.0438, 33.8669



45.1811, 8.6518, -75.1485

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.



53.8820, -5.5043, -108.6027



53.8805, 38.0438, 33.8669



53.8820, -50.5137, -36.2948

Square

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



53.8820, 38.0396, 33.8675



53.8820, -48.8703, 27.1646



53.8820, -34.3502, -84.4089



53.8820, 66.8332, -43.7611

Rectangle

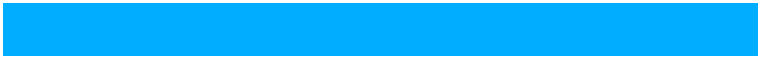
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.8805, 38.0438, 33.8669



53.8820, -21.9303, 35.2399



53.8820, -34.3502, -84.4089



53.8820, 19.2555, -100.9163

Sweetspot

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



53.8820, 38.0396, 33.8675



85.3873, 4.2931, 23.2610



43.7624, 78.3465, 1.8985



38.6137, 2.7520, 11.7069

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.8820, 38.0396, 33.8675



58.9930, 42.0327, 37.0871



85.2591, -19.8696, 52.1882



40.2833, -1.1390, 4.9053



40.5081, 27.6294, 25.4446



12.1647, 5.8761, 7.5987

Inverse Universe

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



45.1811, 8.6518, -75.1485



49.4189, 9.7802, -82.8821



24.8362, 64.9213, -171.1883



39.8304, -2.9777, -0.6987



34.0858, 5.7348, -54.9841



10.5109, -0.1099, -12.9005

Previews

White Background



This preview shows how the HunterLab color 53.8805, 38.0438, 33.8669 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 53.8805, 38.0438, 33.8669 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 53.8805, 38.0438, 33.8669 Background



This preview shows how black text looks on a background with the HunterLab color 53.8805, 38.0438, 33.8669.



This preview shows how white text looks on a background with the HunterLab color 53.8805, 38.0438,

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

53.8805, 38.0438, 33.8669

Protanopia

54.1673, -7.6270, 32.4675

Deuteranopia

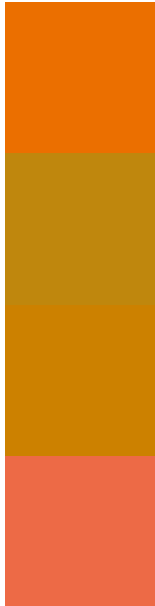
54.0326, 3.3200, 33.3528



Tritanopia

53.8548, 48.0262, 17.7852

Trichromacy



Original Color

53.8805, 38.0438, 33.8669

Protanomaly

53.3230, 7.8554, 32.5715

Deuteranomaly

53.4209, 15.9511, 33.1969

Tritanomaly

53.6235, 43.2527, 27.3931

Monochromacy



Original Color

53.8805, 38.0438, 33.8669

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.2458, 7.8262, 19.8823

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.8805, 38.0438, 33.8669 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(235, 111, 0)` looks like.

```
.text, #text, p{  
    color:rgb(235, 111, 0)  
}
```

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(235, 111, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 111, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 53.8805, 38.0438, 33.8669 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(235, 111, 0) }
```


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

```
.border{ border-color:rgb(235, 111, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 111, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 111, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 111, 0);  
box-shadow:4px 4px 4px 4px rgb(235, 111,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.8805, 38.0438, 33.8669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 111, 0) }
```

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

```
.background{ background-color: rgb(235,  
111, 0) }
```

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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