

# Converting Colors

HunterLab(52.6880, 36.8797,  
33.1118)

Have a look what the booklet for  
HunterLab(52.6880, 36.8797,  
33.1118) contains.

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# Color

**HunterLab(52.6880, 36.8797,  
33.1118)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E66D00
RGB	230, 109, 0
RGB Percent	90%, 43%, 0%
CMY	0.0980, 0.5725, 1.0000
CMYK	0.00, 0.53, 1.00, 0.10
HSL	28°, 100%, 45%
HSV	28°, 100%, 90%
XYZ	38.1017, 27.7603, 3.3500
YIQ	132.7530, 107.1050, -8.2470

# Conversions

## Conversions Part 2

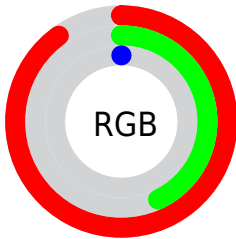
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 207, 0
Decimal	15101184
CIE <sub>Lab</sub>	59.67, 42.50, 67.80
CIE <sub>LCh</sub>	60, 80.015, 57.920
Yxy	27.7618, 0.5505, 0.4011
Android (android.graphics.Color)	4293291264 (0xFFE66D00)
YUV	132.7530, -65.4472, 85.2856
Hunter-Lab	52.6880, 36.8797, 33.1118

# Details

The HunterLab color **52.6880, 36.8797, 33.1118** 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 **44.0307, 8.5657, -73.5250**, and the grayscale version is **48.5549, -2.5908, 2.6381**.

A 20% lighter version of the original color is **69.1894, 21.7935, 38.3293**, and **33.3793, 34.6323, 21.1744** is the 20% darker color. If you saturate the color by 10%, you get **52.6889, 36.8769, 33.1122**, and if you desaturate by 10%, it is **55.3042, 31.1533, 33.7543**.

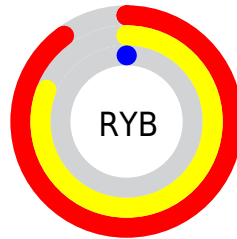
# Distribution



Red (90%)

Green (43%)

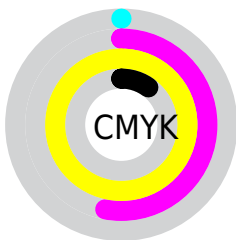
Blue (0%)



Red (90%)

Yellow (81%)

Blue (0%)

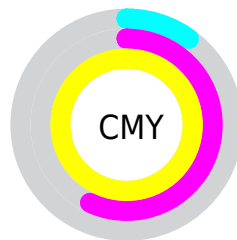


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (57%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.6880, 36.8797, 33.1118 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 52.6880, 36.8797, 33.1118 by changing the saturation by 10% instead.



52.6880, 36.8797,  
33.1118

52.6880, 36.8797,  
33.1118

170.6830, 45.7196,  
70.6010

42.5983, 35.4053,  
28.0425

74.9025, 39.4737,  
42.5517

33.2490, 33.8137,  
23.1990

86.9478, 40.6169,  
46.9691

24.7059, 32.1060,  
17.2942

99.5774, 41.6664,  
51.2183

17.0538, 30.3195,  
11.9377

112.7653, 42.6288,  
55.3210

10.4118, 28.6109,  
7.2883

126.4890, 43.5102,  
59.2958


0.0000, INF, NaN

0.0000, NaN, NaN


140.7282, 44.3161,


63.1587


0.0000, NaN, NaN


 155.4650, 45.0512,  
66.9233


0.0000, NaN, NaN


 52.6880, 36.8797,  
33.1118


 52.6880, 36.8797,  
33.1118


 52.6889, 36.8769,  
33.1122

 55.3042, 31.1533,  
33.7543

 58.1823, 25.6292,  
33.6659

 61.3164, 20.4349,  
32.6957

 64.6893, 15.6290,  
30.8537

 68.2824, 11.2383,  
28.1872

■ 72.0777, 7.2669,  
24.7609

■ 76.0579, 3.7044,  
20.6451

■ 80.2070, 0.5315,  
15.9093

■ 84.5105, -2.2767,  
10.6185

# Harmonies

## Analogous

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



52.6895, 68.8263, 24.5619



52.6880, 36.8797, 33.1118



52.6895, -0.4051, 34.9093

# Triad

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



52.6895, 36.8756, 33.1124



52.6895, -53.7581, 5.0892



52.6895, 31.6638, -87.8077

# Complementary

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



52.6880, 36.8797, 33.1118



44.0307, 8.5657, -73.5250

# 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.



52.6895, -5.1807, -105.8328



52.6880, 36.8797, 33.1118



52.6895, -49.2543, -35.6554

# Square

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



52.6895, 36.8756, 33.1124



52.6895, -47.7728, 26.4548



52.6895, -33.3996, -82.4852



52.6895, 65.3171, -42.3707



# Rectangle

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



52.6880, 36.8797, 33.1118



52.6895, -21.5668, 34.4256



52.6895, -33.3996, -82.4852



52.6895, 18.9942, -98.1831

# Sweetspot

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



52.6895, 36.8756, 33.1124



85.4232, 4.2296, 23.2944



42.7139, 76.4766, 1.7987



38.6324, 2.7185, 11.7237

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.6895, 36.8756, 33.1124



59.0756, 41.8324, 37.1344



83.2120, -19.3963, 50.9352



39.3560, -1.1235, 4.7907



39.9475, 27.0193, 25.0885



11.6796, 5.4716, 7.2927



# Inverse Universe

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



44.0307, 8.5657, -73.5250



49.3058, 9.9969, -83.2084



24.2481, 63.3209, -166.9988



38.9047, -2.8988, -0.6815



33.5000, 5.7426, -54.2687



10.0751, -0.1701, -12.2258



# Previews

## White Background



This preview shows how the HunterLab color 52.6880, 36.8797, 33.1118 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 52.6880, 36.8797, 33.1118 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 52.6880, 36.8797, 33.1118 Background



This preview shows how black text looks on a background with the HunterLab color 52.6880, 36.8797, 33.1118.



This preview shows how white text looks on a background with the HunterLab color 52.6880, 36.8797,



# 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

52.6880, 36.8797, 33.1118

### Protanopia

53.0014, -7.3272, 31.7373

### Deuteranopia

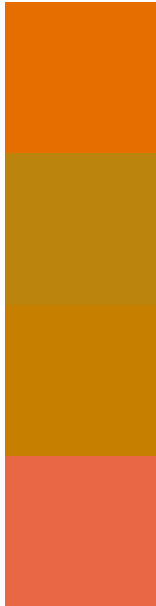
52.7602, 3.2021, 32.5667



## Tritanopia

52.6438, 46.7729, 17.2792

# Trichromacy



## Original Color

52.6880, 36.8797, 33.1118

## Protanomaly

52.0542, 7.7236, 31.7771

## Deuteranomaly

52.2694, 14.8806, 32.4686

## Tritanomaly

52.4272, 42.0689, 26.6746

# Monochromacy



## Original Color

52.6880, 36.8797, 33.1118

## Achromatopsia

48.4304, -2.5841, 2.6313

## Achromatomaly

48.3694, 7.5967, 19.4033

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.6880, 36.8797, 33.1118 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(230, 109, 0)` looks like.

```
.text, #text, p{  
    color:rgb(230, 109, 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(230, 109, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 109, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.6880, 36.8797, 33.1118 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(230, 109, 0) }
```



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

```
.border{ border-color:rgb(230, 109, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 109, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 109, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 109, 0);  
box-shadow:4px 4px 4px 4px rgb(230, 109,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.6880, 36.8797, 33.1118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 109, 0) }
```

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

```
.background{ background-color: rgb(230,  
109, 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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