

# Converting Colors

HunterLab(52.6863, 50.9541,  
36.3916)

Have a look what the booklet for  
HunterLab(52.6863, 50.9541,  
36.3916) contains.

<b>HunterLab(52.8790, 51.6489, 33.4880)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(52.8790, 51.6489,  
33.4880)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F85E00
RGB	248, 94, 0
RGB Percent	97%, 37%, 0%
CMY	0.0275, 0.6313, 1.0000
CMYK	0.00, 0.62, 1.00, 0.03
HSL	23°, 100%, 49%
HSV	23°, 100%, 97%
XYZ	42.7141, 27.9619, 3.1459
YIQ	129.3300, 121.9580, 3.4140

# Conversions

## Conversions Part 2

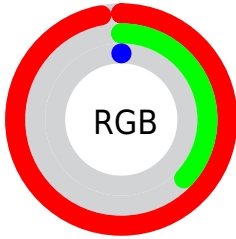
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 151, 0
Decimal	16276992
CIE <sub>Lab</sub>	59.86, 56.02, 69.41
CIE <sub>LCh</sub>	60, 89.199, 51.094
Yxy	27.9635, 0.5786, 0.3788
Android (android.graphics.Color)	4294467072 (0xFFFF85E00)
YUV	129.3300, -63.7597, 104.0736
Hunter-Lab	52.8790, 51.6489, 33.4880

# Details

The HunterLab color **52.8790, 51.6489, 33.4880** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **54.6687, -2.6211, -62.6726**, and the grayscale version is **47.1944, -2.5182, 2.5642**.

A 20% lighter version of the original color is **65.6964, 29.0362, 36.1978**, and **33.5698, 48.2867, 21.5309** is the 20% darker color. If you saturate the color by 10%, you get **52.8800, 51.6455, 33.4885**, and if you desaturate by 10%, it is **55.7229, 44.7035, 34.1519**.

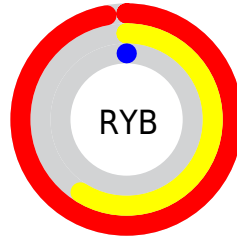
# Distribution



Red (97%)

Green (37%)

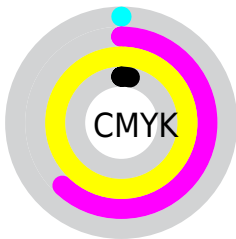
Blue (0%)



Red (97%)

Yellow (59%)

Blue (0%)

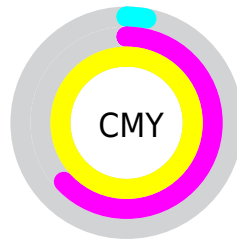


Cyan (0%)

Magenta (62%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (63%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.8790, 51.6489, 33.4880 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 52.8790, 51.6489, 33.4880 by changing the saturation by 10% instead.



52.8790, 51.6489,  
33.4880

52.8790, 51.6489,  
33.4880

170.9656, 64.5417,  
71.7478

42.7763, 49.7219,  
28.3220

75.1174, 55.1744,  
43.1205

33.4130, 47.7097,  
23.3891

87.1736, 56.7833,  
47.6302

24.8544, 45.6504,  
17.3981

99.8135, 58.2935,  
51.9683

17.1851, 43.6689,  
12.0296

113.0115, 59.7101,  
56.1565

10.5232, 42.1631,  
7.3663

126.7448, 61.0384,  
60.2136

0.0000, INF, NaN

0.0000, INF, NaN

140.9933, 62.2834,

64.1557

0.0000, NaN, NaN

155.7390, 63.4497,  
67.9965

0.0000, NaN, NaN

52.8790, 51.6489,  
33.4880

52.8790, 51.6489,  
33.4880

52.8800, 51.6455,  
33.4885

55.7229, 44.7035,  
34.1519

58.9932, 37.7257,  
34.0237

62.6683, 30.9506,  
32.9605

66.7131, 24.5142,  
31.0008

71.0914, 18.4917,  
28.2252

■ 75.7687, 12.9137,  
24.7284

■ 80.7133, 7.7809,  
20.6039

■ 85.8971, 3.0754,  
15.9370

■ 91.2954, -1.2308,  
10.8022

# Harmonies

## Analogous

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



52.8805, 84.5990, 22.3511



52.8790, 51.6489, 33.4880



52.8805, 9.0305, 35.8315

# Triad

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



52.8805, 51.6440, 33.4887



52.8805, -57.5710, 12.5908



52.8805, 26.2809, -112.5547

# Complementary

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



52.8790, 51.6489, 33.4880



54.6687, -2.6211, -62.6726

# 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.



52.8805, -13.7190, -123.0688



52.8790, 51.6489, 33.4880



52.8805, -55.3736, -28.9349

# Square

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



52.8805, 51.6440, 33.4887



52.8805, -48.6914, 30.6391



52.8805, -41.4900, -85.4277



52.8805, 67.3031, -62.4642



# Rectangle

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



52.8790, 51.6489, 33.4880



52.8805, -16.2240, 35.7815



52.8805, -41.4900, -85.4277



52.8805, 12.0585, -121.7751

# Sweetspot

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



52.8805, 51.6440, 33.4887



83.2838, 8.0545, 21.2874



47.3213, 86.1876, -9.3363



37.5195, 4.7362, 10.7134

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.8805, 51.6440, 33.4887



54.5406, 53.4116, 34.5427



82.7788, -9.0244, 50.8498



42.7825, -0.6707, 4.9221



39.1848, 37.1054, 24.7951



12.7246, 9.2548, 8.0029

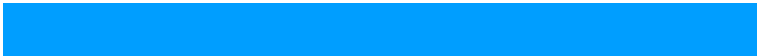


# Inverse Universe

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



54.6687, -2.6211, -62.6726



56.3824, -2.6325, -64.7902



28.0517, 62.1969, -169.3267



42.9400, -3.7251, -0.3723



40.5261, -2.4999, -45.2575



13.1355, -2.0480, -11.9972



# Previews

## White Background



This preview shows how the HunterLab color 52.8790, 51.6489, 33.4880 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 52.8790, 51.6489, 33.4880 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 52.8790, 51.6489, 33.4880 Background



This preview shows how black text looks on a background with the HunterLab color 52.8790, 51.6489, 33.4880.



This preview shows how white text looks on a background with the HunterLab color 52.8790, 51.6489,



# 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

52.8790, 51.6489, 33.4880

### Protanopia

53.0165, -7.2430, 31.5132

### Deuteranopia

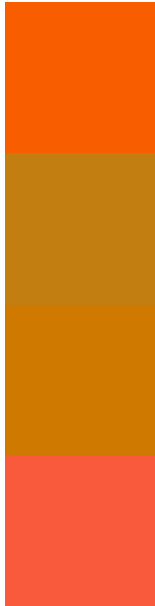
52.8759, 3.5909, 32.6447



## Tritanopia

53.0035, 58.4193, 22.0991

# Trichromacy



## Original Color

52.8790, 51.6489, 33.4880

## Protanomaly

51.4086, 13.5147, 31.3490

## Deuteranomaly

51.9039, 21.1763, 32.3537

## Tritanomaly

52.6952, 55.1779, 28.7810

# Monochromacy



## Original Color

52.8790, 51.6489, 33.4880

## Achromatopsia

46.8536, -2.5000, 2.5456

## Achromatomaly

46.7661, 12.7477, 18.9198

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.8790, 51.6489, 33.4880 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(248, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(248, 94, 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(248, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 94, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.8790, 51.6489, 33.4880 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(248, 94, 0) }
```



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

```
.border{ border-color:rgb(248, 94, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 94, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(248, 94, 0)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 52.8790, 51.6489, 33.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 94, 0) }
```

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

```
.background{ background-color: rgb(248, 94,  
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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