

Converting Colors

HunterLab(52.8852, 48.1168,
33.4300)

Have a look what the booklet for
HunterLab(52.8852, 48.1168,
33.4300) contains.

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Color

**HunterLab(52.8852, 48.1168,
33.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	F46200
RGB	244, 98, 0
RGB Percent	96%, 38%, 0%
CMY	0.0431, 0.6156, 1.0000
CMYK	0.00, 0.60, 1.00, 0.04
HSL	24°, 100%, 48%
HSV	24°, 100%, 96%
XYZ	41.6759, 27.9684, 3.2019
YIQ	130.4820, 118.4740, 0.4740

Conversions

Conversions Part 2

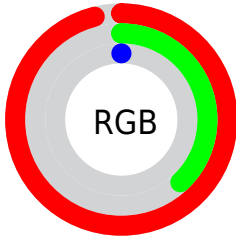
Format	Color
R_{YB}	244, 164, 0
Decimal	16015872
CIE Lab	59.86, 52.87, 69.06
CIE LCh	60, 86.974, 52.565
Yxy	27.9701, 0.5721, 0.3839
Android (android.graphics.Color)	4294205952 (0xFFFF46200)
YUV	130.4820, -64.3276, 99.5553
Hunter-Lab	52.8852, 48.1168, 33.4300

Details

The HunterLab color **52.8852, 48.1168, 33.4300** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **52.0460, 0.1730, -65.4261**, and the grayscale version is **47.6511, -2.5425, 2.5890**.

A 20% lighter version of the original color is **66.6691, 26.9565, 36.8307**, and **33.5256, 44.7194, 21.4412** is the 20% darker color. If you saturate the color by 10%, you get **52.8862, 48.1135, 33.4305**, and if you desaturate by 10%, it is **55.6989, 41.4153, 34.1029**.

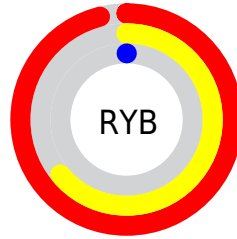
Distribution



Red (96%)

Green (38%)

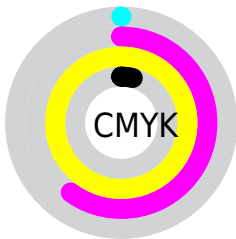
Blue (0%)



Red (96%)

Yellow (64%)

Blue (0%)

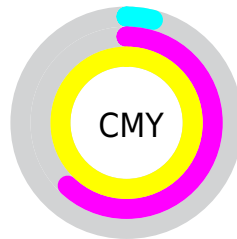


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.8852, 48.1168, 33.4300 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 52.8852, 48.1168, 33.4300 by changing the saturation by 10% instead.

52.8852, 48.1168,
33.4300

52.8852, 48.1168,
33.4300

170.9748, 60.0961,
71.5161

42.7821, 46.2869,
28.2860

75.1243, 51.4369,
43.0187

33.4183, 44.3613,
23.3928

87.1809, 52.9415,
47.5075

24.8592, 42.3676,
17.4015

99.8212, 54.3478,
51.8255

17.1893, 40.4058,
12.0325

113.0195, 55.6616,
55.9945

10.5268, 38.8051,
7.3688

126.7531, 56.8884,
60.0331

0.0000, INF, NaN

0.0000, INF, NaN

141.0018, 58.0333,

63.9575

0.0000, NaN, NaN

155.7478, 59.1011,
67.7813

0.0000, NaN, NaN

52.8852, 48.1168,
33.4300

52.8852, 48.1168,
33.4300

52.8862, 48.1135,
33.4305

55.6989, 41.4153,
34.1029

58.8944, 34.7607,
33.9954

62.4543, 28.3554,
32.9626

66.3483, 22.3109,
31.0353

70.5452, 16.6864,
28.2857

■ 75.0150, 11.5037,
24.8010

■ 79.7302, 6.7590,
20.6695

■ 84.6660, 2.4333,
15.9730

■ 89.8004, -1.5012,
10.7844

Harmonies

Analogous

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



52.8867, 80.8605, 22.9127



52.8852, 48.1168, 33.4300



52.8867, 6.7624, 35.6713

Triad

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



52.8867, 48.1121, 33.4307



52.8867, -56.7416, 10.9554



52.8867, 27.5493, -106.5411

Complementary

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



52.8852, 48.1168, 33.4300



52.0460, 0.1730, -65.4261

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.



52.8867, -11.7741, -118.9757



52.8852, 48.1168, 33.4300



52.8867, -54.0311, -30.4930

Square

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



52.8867, 48.1121, 33.4307



52.8867, -48.5145, 29.7998



52.8867, -39.6886, -84.7837



52.8867, 66.8794, -57.5104

Rectangle

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



52.8852, 48.1168, 33.4300



52.8867, -17.5168, 35.5447



52.8867, -39.6886, -84.7837



52.8867, 13.6700, -116.0789

Sweetspot

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



52.8867, 48.1121, 33.4307



83.7897, 7.1409, 21.7653



46.1745, 83.5962, -5.2130



37.7822, 4.2542, 10.9538

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.8867, 48.1121, 33.4307



55.5396, 50.7530, 35.1118



83.7911, -12.8598, 51.4064



41.9226, -0.7875, 4.8909



39.3179, 34.6435, 24.8340



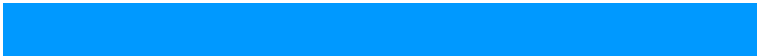
12.4673, 8.2568, 7.8268

Inverse Universe

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



52.0460, 0.1730, -65.4261



54.6476, 0.3062, -68.9659



26.8360, 63.8785, -171.4372



41.9236, -3.5147, -0.4520



38.7343, -0.4814, -47.3755



12.3274, -1.5310, -12.1032

Previews

White Background



This preview shows how the HunterLab color 52.8852, 48.1168, 33.4300 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 52.8852, 48.1168, 33.4300 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 52.8852, 48.1168, 33.4300 Background



This preview shows how black text looks on a background with the HunterLab color 52.8852, 48.1168, 33.4300.



This preview shows how white text looks on a background with the HunterLab color 52.8852, 48.1168,

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

52.8852, 48.1168, 33.4300

Protanopia

53.0125, -7.2653, 31.5724

Deuteranopia

52.8759, 3.5909, 32.6447



Tritanopia

52.8565, 55.7707, 20.8605

Trichromacy



Original Color

52.8852, 48.1168, 33.4300

Protanomaly

51.6520, 11.7064, 31.5139

Deuteranomaly

52.1009, 19.3469, 32.4430

Tritanomaly

52.6932, 51.8535, 28.2491

Monochromacy



Original Color

52.8852, 48.1168, 33.4300

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.1586, 11.4730, 18.9709

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.8852, 48.1168, 33.4300 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(244, 98, 0)` looks like.

```
.text, #text, p{  
    color:rgb(244, 98, 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(244, 98, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 98, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 52.8852, 48.1168, 33.4300 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(244, 98, 0) }
```


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

```
.border{ border-color:rgb(244, 98, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 98, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 98, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 98, 0);  
box-shadow:4px 4px 4px 4px rgb(244, 98, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 52.8852, 48.1168, 33.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 98, 0) }
```

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

```
.background{ background-color: rgb(244, 98,  
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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