

# Converting Colors

HunterLab(52.9455, 48.7300,  
31.9047)

Have a look what the booklet for  
HunterLab(52.9455, 48.7300,  
31.9047) contains.

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# Color

**HunterLab(52.9889, 48.5847,  
31.8921)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F46221
RGB	244, 98, 33
RGB Percent	96%, 38%, 13%
CMY	0.0431, 0.6156, 0.8706
CMYK	0.00, 0.60, 0.86, 0.04
HSL	18°, 91%, 54%
HSV	18°, 86%, 96%
XYZ	41.9504, 28.0782, 4.6475
YIQ	134.2440, 107.8810, 10.7370

# Conversions

## Conversions Part 2

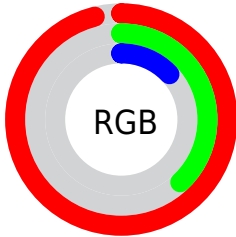
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 127, 33
Decimal	16015905
CIE Lab	59.96, 53.27, 61.07
CIE LCh	60, 81.040, 48.901
Yxy	28.0798, 0.5618, 0.3760
Android (android.graphics.Color)	4294205985 (0xFFFF46221)
YUV	134.2440, -49.9133, 96.2560
Hunter-Lab	52.9889, 48.5847, 31.8921

# Details

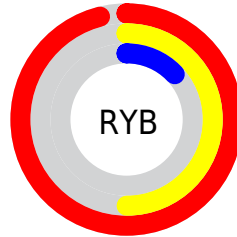
The HunterLab color **52.9889, 48.5847, 31.8921** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **62.5237, -14.9905, -42.8962**, and the grayscale version is **49.0855, -2.6191, 2.6669**.

A 20% lighter version of the original color is **66.8568, 27.8977, 34.0636**, and **33.7035, 45.0910, 21.5573** is the 20% darker color. If you saturate the color by 10%, you get **50.1553, 55.6784, 31.5881**, and if you desaturate by 10%, it is **56.3641, 41.2605, 31.3262**.

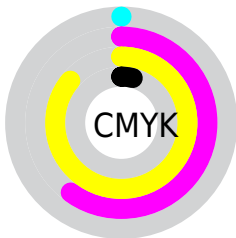
# Distribution



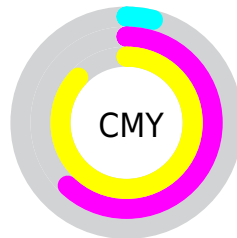
- Red (96%)
- Green (38%)
- Blue (13%)



- Red (96%)
- Yellow (50%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (86%)
- Black (4%)



- Cyan (4%)
- Magenta (62%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.9889, 48.5847, 31.8921 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 52.9889, 48.5847, 31.8921 by changing the saturation by 10% instead.



52.9889, 48.5847,  
31.8921

52.9889, 48.5847,  
31.8921

171.1281, 60.6745,  
66.0266

42.8787, 46.7432,  
27.2675

75.2409, 51.9295,  
40.4715

33.5073, 44.8069,  
22.4866

87.3033, 53.4467,  
44.4837

24.9399, 42.8045,  
17.4579

99.9493, 54.8655,  
48.3456

17.2606, 40.8378,  
12.0825

113.1530, 56.1917,  
52.0782

10.5874, 39.2404,  
7.4112

126.8918, 57.4308,  
55.6990

0.0000, INF, NaN

0.0000, INF, NaN

141.1456, 58.5878,

59.2227

0.0000, NaN, NaN

155.8964, 59.6676,  
62.6618

0.0000, NaN, NaN

■ 52.9889, 48.5847,  
31.8921

■ 52.9889, 48.5847,  
31.8921

■ 50.1553, 55.6784,  
31.5881

■ 56.3641, 41.2605,  
31.3262

■ 49.2836, 58.0346,  
31.3843

■ 60.2333, 34.0058,  
29.8919

■ 64.5478, 27.0067,  
27.6711

■ 69.2575, 20.3733,  
24.7712

■ 74.3158, 14.1554,  
21.2997

79.6811, 8.3623,  
17.3527

85.3173, 2.9788,  
13.0113

91.1934, -2.0236,  
8.3412

97.2833, -6.6790,  
3.3951

# Harmonies

## Analogous

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



52.9904, 76.2698, 19.6073



52.9889, 48.5847, 31.8921



52.9904, 10.6429, 35.0201

# Triad

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



52.9904, 48.5801, 31.8928



52.9904, -53.7152, 13.7109



52.9904, 20.5741, -99.2292

# Complementary

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



52.9889, 48.5847, 31.8921



62.5237, -14.9905, -42.8962

# 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.



52.9904, -15.0788, -104.9276



52.9889, 48.5847, 31.8921



52.9904, -52.3521, -22.0849

# Square

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



52.9904, 48.5801, 31.8928



52.9904, -44.3363, 29.9512



52.9904, -39.9606, -70.7523



52.9904, 57.4414, -58.1429



# Rectangle

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



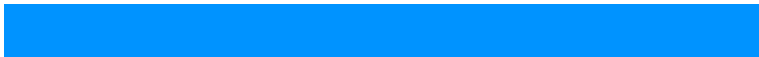
52.9889, 48.5847, 31.8921



52.9904, -12.7685, 35.0847



52.9904, -39.9606, -70.7523



52.9904, 7.8991, -106.0233

# Sweetspot

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



52.9904, 48.5801, 31.8928



84.0144, 8.5498, 18.0634



48.6258, 84.3589, -21.6672



37.9451, 4.9079, 9.0500

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



52.9904, 48.5801, 31.8928



51.7583, 61.1826, 32.9643



78.4155, -3.7063, 47.1663



41.6115, -0.2580, 4.5521



36.6320, 41.9586, 23.3070



11.6362, 10.3226, 7.3509



# Inverse Universe

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



62.5237, -14.9905, -42.8962



62.0016, -11.5942, -52.4680



34.5175, 40.3625, -125.0352



42.2443, -4.0359, -0.0644



43.8167, -8.6362, -36.1239



13.6717, -3.5726, -9.3763



# Previews

## White Background



This preview shows how the HunterLab color 52.9889, 48.5847, 31.8921 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 52.9889, 48.5847, 31.8921 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 52.9889, 48.5847, 31.8921 Background



This preview shows how black text looks on a background with the HunterLab color 52.9889, 48.5847, 31.8921.



This preview shows how white text looks on a background with the HunterLab color 52.9889, 48.5847,



# 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

52.9889, 48.5847, 31.8921

### Protanopia

53.0298, -6.9707, 29.7790

### Deuteranopia

52.8759, 3.5909, 32.6447



## Tritanopia

53.0190, 55.3213, 20.9917

# Trichromacy



**Original Color**

52.9889, 48.5847, 31.8921

**Protanomaly**

51.7735, 12.3370, 29.7162

**Deuteranomaly**

52.1264, 19.4755, 32.0654

**Tritanomaly**

52.8321, 52.4698, 26.2030

# Monochromacy



**Original Color**

52.9889, 48.5847, 31.8921

**Achromatopsia**

48.8260, -2.6052, 2.6528

**Achromatomaly**

48.5144, 12.4200, 16.2906

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.9889, 48.5847, 31.8921 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, 33)` looks like.

```
.text, #text, p{  
    color:rgb(244, 98, 33)  
}
```

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, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 98, 33) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.9889, 48.5847, 31.8921 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, 33) }
```



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

```
.border{ border-color:rgb(244, 98, 33) }
```

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, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 98, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 98, 33);  
box-shadow:4px 4px 4px 4px rgb(244, 98,  
33) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.9889, 48.5847, 31.8921 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, 33) }
```

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

```
.background{ background-color: rgb(244, 98,  
33) }
```

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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