

# Converting Colors

HunterLab(56.0903, 38.1426,  
32.2745)

Have a look what the booklet for  
HunterLab(56.0903, 38.1426,  
32.2745) contains.

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# Color

**HunterLab(56.0903, 38.1426,  
32.2745)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F07530
RGB	240, 117, 48
RGB Percent	94%, 46%, 19%
CMY	0.0588, 0.5411, 0.8118
CMYK	0.00, 0.51, 0.80, 0.06
HSL	22°, 86%, 56%
HSV	22°, 80%, 94%
XYZ	42.8299, 31.4612, 6.6116
YIQ	145.9110, 95.4570, 4.6170

# Conversions

## Conversions Part 2

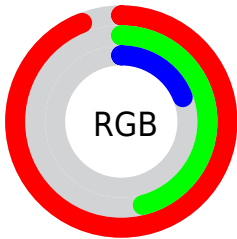
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	240, 156, 48
Decimal	15758640
CIE Lab	62.90, 43.26, 57.42
CIE LCh	63, 71.890, 53.003
Yxy	31.4629, 0.5294, 0.3889
Android (android.graphics.Color)	4293948720 (0xFFFF07530)
YUV	145.9110, -48.2701, 82.5161
Hunter-Lab	56.0903, 38.1426, 32.2745

# Details

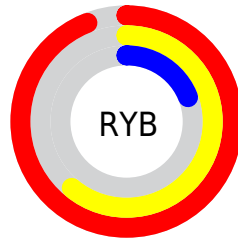
The HunterLab color **56.0903, 38.1426, 32.2745** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **60.0358, -11.3801, -44.6186**, and the grayscale version is **53.7400, -2.8674, 2.9198**.

A 20% lighter version of the original color is **71.6147, 19.3767, 34.6950**, and **36.2322, 35.2321, 22.9429** is the 20% darker color. If you saturate the color by 10%, you get **52.9358, 44.9917, 32.4384**, and if you desaturate by 10%, it is **59.6652, 31.4322, 31.2230**.

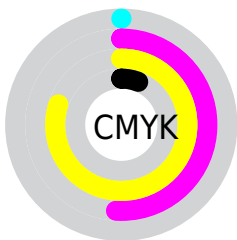
# Distribution



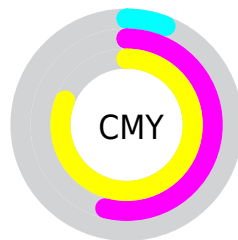
- Red (94%)
- Green (46%)
- Blue (19%)



- Red (94%)
- Yellow (61%)
- Blue (19%)



- Cyan (0%)
- Magenta (51%)
- Yellow (80%)
- Black (6%)



- Cyan (6%)
- Magenta (54%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.0903, 38.1426, 32.2745 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 56.0903, 38.1426, 32.2745 by changing the saturation by 10% instead.



56.0903, 38.1426,  
32.2745

56.0903, 38.1426,  
32.2745

175.6888, 46.9747,  
64.2934

45.7729, 36.6780,  
27.9661

78.7199, 40.7235,  
40.2755

36.1782, 35.0979,  
23.4079

90.9565, 41.8634,  
44.0263

27.3672, 33.3999,  
19.1570

103.7688, 42.9113,  
47.6435

19.4169, 31.6096,  
13.5918

117.1318, 43.8736,  
51.1462

12.4331, 29.8335,  
8.7032

131.0237, 44.7562,  
54.5504

5.6627, 36.5807,  
3.9639

145.4252, 45.5643,

0.0000, INF, NaN

57.8693

0.0000, NaN, NaN

160.3188, 46.3024,  
61.1138

0.0000, NaN, NaN

■ 56.0903, 38.1426,  
32.2745

■ 56.0903, 38.1426,  
32.2745

■ 52.9358, 44.9917,  
32.4384

■ 59.6652, 31.4322,  
31.2230

■ 50.2217, 51.7347,  
31.8520


■ 63.6184, 25.0235,  
29.3256


■ 50.2215, 51.7353,  
31.8520


■ 67.9131, 18.9977,  
26.6667


■ 72.5125, 13.3922,  
23.3415

■ 77.3833, 8.2119,  
19.4424

 82.4960, 3.4414,  
15.0521

 87.8247, -0.9457,  
10.2418

 93.3472, -4.9811,  
5.0711

 98.6231, -10.1592,  
3.7172

# Harmonies

## Analogous

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



56.0918, 64.0687, 21.1743



56.0903, 38.1426, 32.2745



56.0918, 4.5467, 35.3726

# Triad

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



56.0918, 38.1384, 32.2752



56.0918, -51.2091, 9.6061



56.0918, 22.5909, -79.6700

# Complementary

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



56.0903, 38.1426, 32.2745



60.0358, -11.3801, -44.6186

# 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.



56.0918, -10.1599, -89.0489



56.0903, 38.1426, 32.2745



56.0918, -48.4406, -24.3349

# Square

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



56.0918, 38.1384, 32.2752



56.0918, -43.5175, 27.7791



56.0918, -34.8900, -64.8770



56.0918, 53.8021, -43.6476



# Rectangle

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



56.0903, 38.1426, 32.2745



56.0918, -15.9400, 35.1316



56.0918, -34.8900, -64.8770



56.0918, 11.2400, -86.6361

# Sweetspot

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



56.0918, 38.1384, 32.2752



86.1123, 5.7200, 18.1019



48.6298, 78.2955, -16.7420



38.9370, 3.4975, 9.1460

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



56.0918, 38.1384, 32.2752



54.8198, 52.8075, 34.3874



80.8865, -9.5579, 47.6247



40.8517, -0.5403, 4.6271



37.4647, 37.4402, 23.7410



11.6177, 8.7004, 7.3111

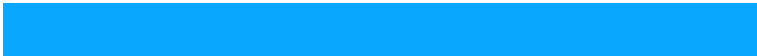


# Inverse Universe

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



60.0358, -11.3801, -44.6186



59.1010, -6.7804, -58.6112



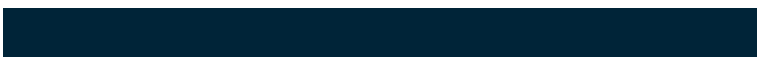
34.9281, 38.9758, -117.7316



41.1311, -3.6635, -0.2648



40.3852, -4.1864, -41.4408



12.4276, -2.4265, -10.2954



# Previews

## White Background



This preview shows how the HunterLab color 56.0903, 38.1426, 32.2745 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 56.0903, 38.1426, 32.2745 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 ✓ Pass

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

# HunterLab 56.0903, 38.1426, 32.2745 Background



This preview shows how black text looks on a background with the HunterLab color 56.0903, 38.1426, 32.2745.



This preview shows how white text looks on a background with the HunterLab color 56.0903, 38.1426,



# 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

56.0903, 38.1426, 32.2745

### Protanopia

56.2441, -7.2398, 30.3108

### Deuteranopia

56.2114, 3.9244, 32.7717



## Tritanopia

56.1168, 47.3171, 17.6260

# Trichromacy



## Original Color

56.0903, 38.1426, 32.2745

## Protanomaly

55.3395, 8.1461, 30.5034

## Deuteranomaly

55.7229, 15.8079, 32.2822

## Tritanomaly

56.0894, 43.3175, 24.6174

# Monochromacy



## Original Color

56.0903, 38.1426, 32.2745

## Achromatopsia

53.6135, -2.8607, 2.9129

## Achromatomaly

53.0632, 9.0688, 16.3731

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 56.0903, 38.1426, 32.2745 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(240, 117, 48)` looks like.

```
.text, #text, p{  
    color:rgb(240, 117, 48)  
}
```

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(240, 117, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 117, 48) }
```

## Border

The CSS property to change the border of an element to HunterLab 56.0903, 38.1426, 32.2745 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(240, 117, 48) }
```



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

```
.border{ border-color:rgb(240, 117, 48) }
```

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

Here you see how a box with a 4 pixel rgb(240, 117, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 117, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 117, 48);  
box-shadow:4px 4px 4px 4px rgb(240, 117,  
48) }
```

# Background

The CSS property to change the background color of an element to HunterLab 56.0903, 38.1426, 32.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 117, 48) }
```

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

```
.background{ background-color: rgb(240,  
117, 48) }
```

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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