

# Converting Colors

HunterLab(61.9739, 31.1278,  
38.5929)

Have a look what the booklet for  
HunterLab(61.9739, 31.1278,  
38.5929) contains.

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# Color

**HunterLab(62.0580, 31.0169,  
38.6457)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                 |
|---------------|------------------------------|
| Hex           | FA8A05                       |
| RGB           | 250, 138, 5                  |
| RGB Percent   | 98%, 54%, 2%                 |
| CMY           | 0.0196, 0.4588, 0.9804       |
| CMYK          | 0.00, 0.45, 0.98, 0.02       |
| HSL           | 33°, 96%, 50%                |
| HSV           | 33°, 98%, 98%                |
| XYZ           | 48.5403, 38.5120, 5.0188     |
| YIQ           | 156.3260, 109.4450, -17.6190 |

# Conversions

## Conversions Part 2

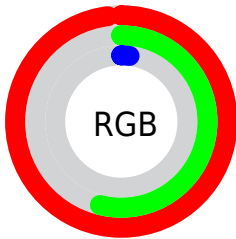
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 211, 250, 5                    |
| Decimal                             | 16419333                       |
| CIE Lab                             | 68.40, 35.88, 73.80            |
| CIE LCh                             | 68, 82.060, 64.073             |
| Yxy                                 | 38.5140, 0.5272,<br>0.4183     |
| Android<br>(android.graphics.Color) | 4294609413<br>(0xFFFA8A05)     |
| YUV                                 | 156.3260, -74.6037,<br>82.1521 |
| Hunter-Lab                          | 62.0580, 31.0169,<br>38.6457   |

# Details

The HunterLab color **62.0580, 31.0169, 38.6457** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **44.3367, 17.7444, -93.3143**, and the grayscale version is **58.0558, -3.0977, 3.1543**.

A 20% lighter version of the original color is **77.1240, 7.1270, 42.3918**, and **41.5397, 28.9656, 26.1037** is the 20% darker color. If you saturate the color by 10%, you get **61.5245, 32.1404, 38.4738**, and if you desaturate by 10%, it is **64.8466, 25.4589, 39.2802**.

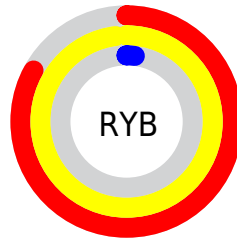
# Distribution



Red (98%)

Green (54%)

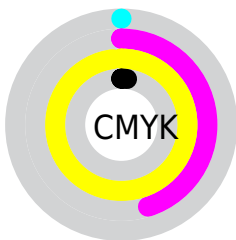
Blue (2%)



Red (83%)

Yellow (98%)

Blue (2%)

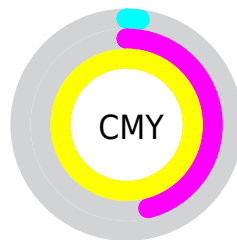


Cyan (0%)

Magenta (45%)

Yellow (98%)

Black (2%)



Cyan (2%)

Magenta (46%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.0580, 31.0169, 38.6457 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 62.0580, 31.0169, 38.6457 by changing the saturation by 10% instead.



62.0580, 31.0169,  
38.6457

62.0580, 31.0169,  
38.6457

184.3420, 37.1087,  
77.9132

51.3633, 29.9012,  
33.4151

85.3788, 32.9248,  
48.4459

41.3637, 28.6730,  
27.9882

97.9353, 33.7428,  
53.0578

32.1133, 27.3184,  
22.4793

111.0534, 34.4783,  
57.5073

23.6785, 25.8321,  
16.5750

124.7099, 35.1376,  
61.8136

16.1476, 24.2275,  
11.3033

138.8845, 35.7259,  
65.9937

9.6458, 22.5997,  
6.7521

153.5587, 36.2479,

0.0000, INF, NaN

70.0622

0.0000, NaN, NaN

168.7162, 36.7076,  
74.0318

0.0000, NaN, NaN

62.0580, 31.0169,  
38.6457

62.0580, 31.0169,  
38.6457

61.5245, 32.1404,  
38.4738

64.8466, 25.4589,  
39.2802

67.8543, 20.2448,  
39.0066

71.0772, 15.4488,  
37.7354

74.5043, 11.1079,  
35.4661

78.1234, 7.2349,  
32.2354

■ 81.9217, 3.8262,  
28.1002

■ 85.8865, 0.8675,  
23.1260

■ 90.0060, -1.6625,  
17.3812

■ 94.2688, -3.7890,  
10.9325

# Harmonies

## Analogous

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



62.0597, 67.4202, 30.6176



62.0580, 31.0169, 38.6457



62.0597, -8.2944, 40.0871

# Triad

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



62.0597, 31.0127, 38.6464



62.0597, -59.5947, -1.6311



62.0597, 41.8611, -83.0762

# Complementary

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



62.0580, 31.0169, 38.6457



44.3367, 17.7444, -93.3143

# 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.



62.0597, 1.8272, -109.3929



62.0580, 31.0169, 38.6457



62.0597, -51.9938, -47.8562

# Square

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



62.0597, 31.0127, 38.6464



62.0597, -55.2743, 26.3070



62.0597, -31.4967, -93.7231



62.0597, 74.6450, -34.1654



# Rectangle

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



62.0580, 31.0169, 38.6457



62.0597, -29.7859, 38.8680



62.0597, -31.4967, -93.7231



62.0597, 28.5048, -95.8402

# Sweetspot

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



62.0597, 31.0127, 38.6464



87.4153, 1.1795, 24.2166



46.6612, 82.1815, 7.8791



39.6352, 1.1272, 12.2388

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



62.0597, 31.0127, 38.6464



62.8977, 32.9346, 39.3339



93.3967, -28.1818, 56.9659



43.3436, -1.6180, 5.5286



45.1330, 22.6862, 28.2079



14.4867, 5.2910, 9.0192



# Inverse Universe

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



44.3367, 17.7444, -93.3143



44.5445, 19.6675, -98.1333



26.6416, 70.4817, -183.6249



42.3677, -2.7873, -1.0700



32.1843, 13.0122, -68.3173



10.8096, 1.9294, -17.6761



# Previews

## White Background



This preview shows how the HunterLab color 62.0580, 31.0169, 38.6457 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 62.0580, 31.0169, 38.6457 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 62.0580, 31.0169, 38.6457 Background



This preview shows how black text looks on a background with the HunterLab color 62.0580, 31.0169, 38.6457.



This preview shows how white text looks on a background with the HunterLab color 62.0580, 31.0169,



# 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

62.0580, 31.0169, 38.6457

### Protanopia

62.3524, -8.5644, 37.5967

### Tritanopia

62.0520, 45.2349, 16.4146

# Trichromacy



## Original Color

62.0580, 31.0169, 38.6457

## Protanomaly

61.6420, 5.0817, 37.6378

## Tritanomaly

61.7304, 38.1784, 29.6288

# Monochromacy



## Original Color

62.0580, 31.0169, 38.6457

## Achromatopsia

57.6586, -3.0765, 3.1327

## Achromatomaly

57.7768, 4.9571, 23.0542

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.0580, 31.0169, 38.6457 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(250, 138, 5)` looks like.

```
.text, #text, p{  
    color:rgb(250, 138, 5)  
}
```

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(250, 138, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 138, 5) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.0580, 31.0169, 38.6457 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(250, 138, 5) }
```

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

```
.border{ border-color:rgb(250, 138, 5) }
```

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

Here you see how a box with a 4 pixel rgb(250, 138, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 138, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 138, 5);  
box-shadow:4px 4px 4px 4px rgb(250, 138,  
5) }
```



# Background

The CSS property to change the background color of an element to HunterLab 62.0580, 31.0169, 38.6457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 138, 5) }
```

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

```
.background{ background-color: rgb(250,  
138, 5) }
```

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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