

# Converting Colors

HunterLab(61.5288, 36.0405,  
38.5447)

Have a look what the booklet for  
HunterLab(61.5288, 36.0405,  
38.5447) contains.

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# Color

**HunterLab(61.4512, 36.2198,  
38.5000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8400
RGB	255, 132, 0
RGB Percent	100%, 52%, 0%
CMY	0.0000, 0.4823, 1.0000
CMYK	0.00, 0.48, 1.00, 0.00
HSL	31°, 100%, 50%
HSV	31°, 100%, 100%
XYZ	49.4912, 37.7625, 4.6804
YIQ	153.7290, 115.6800, -14.9760

# Conversions

## Conversions Part 2

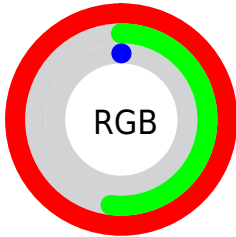
Format	Color
R <sub>Y</sub> B	238, 255, 0
Decimal	16745472
CIE Lab	67.85, 40.85, 74.50
CIE LCh	68, 84.963, 61.264
Yxy	37.7646, 0.5383, 0.4108
Android (android.graphics.Color)	4294935552 (0xFFFF8400)
YUV	153.7290, -75.7884, 88.8147
Hunter-Lab	61.4512, 36.2198, 38.5000

# Details

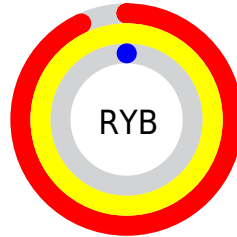
The HunterLab color **61.4512, 36.2198, 38.5000** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **46.2456, 16.0803, -92.5148**, and the grayscale version is **57.0023, -3.0415, 3.0970**.

A 20% lighter version of the original color is **75.4048, 10.0785, 41.6843**, and **41.0045, 34.2618, 25.8666** is the 20% darker color. If you saturate the color by 10%, you get **61.4516, 36.2180, 38.5003**, and if you desaturate by 10%, it is **64.3211, 30.1928, 39.2883**.

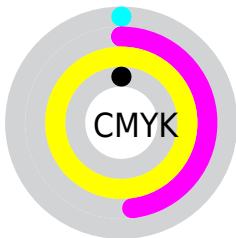
# Distribution



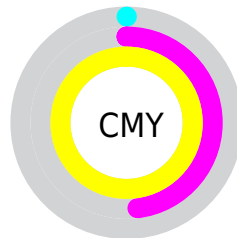
- Red (100%)
- Green (52%)
- Blue (0%)



- Red (93%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (48%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (48%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.4512, 36.2198, 38.5000 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 61.4512, 36.2198, 38.5000 by changing the saturation by 10% instead.



61.4512, 36.2198,  
38.5000

61.4512, 36.2198,  
38.5000

183.4691, 43.9295,  
78.1707

50.7937, 34.9032,  
33.2141

84.7037, 38.5178,  
48.4064

40.8339, 33.4729,  
27.7722

97.2286, 39.5242,  
53.0677

31.6266, 31.9190,  
22.1386

110.3163, 40.4436,  
57.5639

23.2391, 30.2463,  
16.2674

123.9438, 41.2822,  
61.9145

15.7612, 28.4945,  
11.0328

138.0902, 42.0456,  
66.1367

9.3203, 26.8432,  
6.5242

152.7374, 42.7384,

0.0000, INF, NaN

70.2452

0.0000, NaN, NaN

167.8687, 43.3652,  
74.2529

0.0000, NaN, NaN

61.4512, 36.2198,  
38.5000

61.4512, 36.2198,  
38.5000

61.4516, 36.2180,  
38.5003

64.3211, 30.1928,  
39.2883

67.4390, 24.4558,  
39.2291

70.8026, 19.1238,  
38.1590

74.3984, 14.2479,  
36.0734

78.2110, 9.8495,  
33.0118

■ 82.2249, 5.9293,  
29.0361

■ 86.4247, 2.4742,  
24.2178

■ 90.7962, -0.5371,  
18.6306

■ 95.3259, -3.1312,  
12.3457

# Harmonies

## Analogous

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



61.4529, 73.0473, 29.7003



61.4512, 36.2198, 38.5000



61.4529, -4.8964, 40.2341

# Triad

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



61.4529, 36.2153, 38.5007



61.4529, -60.8713, 1.7814



61.4529, 39.7251, -91.5126

# Complementary

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



61.4512, 36.2198, 38.5000



46.2456, 16.0803, -92.5148

# 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.



61.4529, -1.6513, -115.7243



61.4512, 36.2198, 38.5000



61.4529, -54.3512, -45.1561

# Square

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



61.4529, 36.2153, 38.5007



61.4529, -55.3804, 28.3668



61.4529, -34.7888, -95.0267



61.4529, 75.3976, -40.6810



# Rectangle

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



61.4512, 36.2198, 38.5000



61.4529, -27.7410, 39.3464



61.4529, -34.7888, -95.0267



61.4529, 25.7238, -104.0621

# Sweetspot

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



61.4529, 36.2153, 38.5007



86.4232, 2.4757, 24.2202



47.6409, 84.6002, 7.4118



39.1540, 1.7937, 12.1905

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



61.4529, 36.2153, 38.5007



61.4519, 36.2182, 38.5004



95.9073, -27.4065, 58.6176



44.2070, -1.5028, 5.5612



44.7582, 25.4071, 28.0246



14.7288, 6.2433, 9.1851



# Inverse Universe

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



46.2456, 16.0803, -92.5148



46.2441, 16.0834, -92.5206



26.9215, 72.9192, -190.4899



43.3863, -2.9975, -0.9908



33.8672, 10.7265, -65.4866



11.5510, 1.4478, -17.5630



# Previews

## White Background



This preview shows how the HunterLab color 61.4512, 36.2198, 38.5000 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 61.4512, 36.2198, 38.5000 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 61.4512, 36.2198, 38.5000 Background



This preview shows how black text looks on a background with the HunterLab color 61.4512, 36.2198, 38.5000.



This preview shows how white text looks on a background with the HunterLab color 61.4512, 36.2198,



# 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

61.4512, 36.2198, 38.5000

### Protanopia

61.5590, -8.3439, 37.0552

### Deuteranopia

61.3753, 4.1322, 37.8915



## Tritanopia

61.5428, 45.8324, 17.3467

# Trichromacy



## Original Color

61.4512, 36.2198, 38.5000

## Protanomaly

60.9426, 6.9549, 37.2701

## Deuteranomaly

61.1135, 15.5903, 37.9308

## Tritanomaly

61.1181, 40.8211, 30.0381

# Monochromacy



## Original Color

61.4512, 36.2198, 38.5000

## Achromatopsia

56.8457, -3.0331, 3.0885

## Achromatomaly

57.0228, 6.5453, 23.2370

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.4512, 36.2198, 38.5000 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(255, 132, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 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(255, 132, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.4512, 36.2198, 38.5000 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(255, 132, 0) }
```



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

```
.border{ border-color:rgb(255, 132, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.4512, 36.2198, 38.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 0) }
```

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

```
.background{ background-color: rgb(255,  
132, 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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