

# Converting Colors

HunterLab(61.8404, -5.9144,  
37.9994)

Have a look what the booklet for  
HunterLab(61.8404, -5.9144,  
37.9994) contains.

<b>HunterLab(61.8447, -5.9177, 38.0048)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(61.8447, -5.9177,  
38.0048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1A500
RGB	193, 165, 0
RGB Percent	76%, 65%, 0%
CMY	0.2431, 0.3529, 0.9999
CMYK	0.00, 0.15, 1.00, 0.24
HSL	51°, 100%, 38%
HSV	51°, 100%, 76%
XYZ	35.4474, 38.2477, 5.5143
YIQ	154.5620, 69.6530, -45.3790

# Conversions

## Conversions Part 2

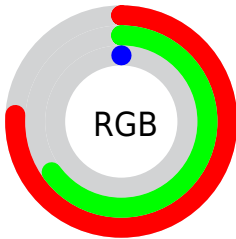
Format	Color
R <sub>Y</sub> B	33, 193, 0
Decimal	12690688
CIE Lab	68.20, -3.04, 71.18
CIE LCh	68, 71.246, 92.448
Yxy	38.2495, 0.4475, 0.4829
Android (android.graphics.Color)	4290880768 (0xFFC1A500)
YUV	154.5620, -76.1991, 33.7101
Hunter-Lab	61.8447, -5.9177, 38.0048

# Details

The HunterLab color **61.8447, -5.9177, 38.0048** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **21.6363, 44.9768, -124.1329**, and the grayscale version is **57.3554, -3.0603, 3.1162**.

A 20% lighter version of the original color is **85.3188, -7.4479, 47.5635**, and **41.4554, -3.6150, 25.4814** is the 20% darker color. If you saturate the color by 10%, you get **61.8455, -5.9194, 38.0053**, and if you desaturate by 10%, it is **62.7046, -7.0277, 37.9193**.

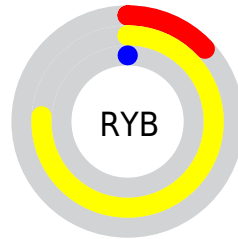
# Distribution



Red (76%)

Green (65%)

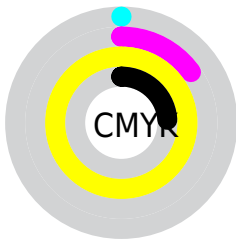
Blue (0%)



Red (13%)

Yellow (76%)

Blue (0%)

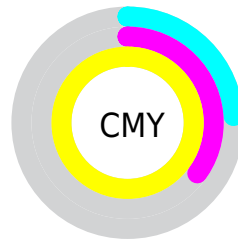


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.8447, -5.9177, 38.0048 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 61.8447, -5.9177, 38.0048 by changing the saturation by 10% instead.



61.8447, -5.9177,  
38.0048

61.8447, -5.9177,  
38.0048

184.0351,  
-13.6101, 76.0491

51.1629, -5.1866,  
32.9302

85.1413, -7.4635,  
47.4990

41.1772, -4.4786,  
27.6231

97.6867, -8.2721,  
51.9649

31.9419, -3.7960,  
22.3594

110.7942, -9.1047,  
56.2736

23.5238, -3.1382,  
16.4666

124.4405, -9.9608,  
60.4443

16.0114, -2.5027,  
11.2080

138.6052,  
-10.8398, 64.4939

9.5312, -1.9036,  
6.6718

153.2699,

0.0000, NaN, NaN

-11.7414, 68.4367

0.0000, NaN, NaN

168.4182,  
-12.6650, 72.2849

0.0000, NaN, NaN

■ 61.8447, -5.9177,  
38.0048

■ 61.8447, -5.9177,  
38.0048

■ 61.8455, -5.9194,  
38.0053

■ 62.7046, -7.0277,  
37.9193

■ 63.6065, -7.9259,  
37.2970

■ 64.5634, -8.5489,  
35.9683

■ 65.5796, -8.8705,  
33.8706

■ 66.6581, -8.8735,  
30.9648

■ 67.8006, -8.5471,  
27.2290

■ 69.0085, -7.8857,  
22.6544

■ 70.2822, -6.8879,  
17.2433

■ 71.6217, -5.5560,  
11.0064

# Harmonies

## Analogous

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



61.8462, 27.9520, 36.0945



61.8447, -5.9177, 38.0048



61.8462, -33.0869, 35.2632

# Triad

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



61.8462, -5.9203, 38.0053



61.8462, -47.2865, -37.2033



61.8462, 61.5670, -30.4612

# Complementary

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



61.8447, -5.9177, 38.0048



21.6363, 44.9768, -124.1329

# 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.



61.8462, 33.4636, -69.6142



61.8447, -5.9177, 38.0048



61.8462, -29.3683, -74.7094

# Square

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



61.8462, -5.9203, 38.0053



61.8462, -53.7219, 0.8030



61.8462, -0.6420, -88.8584



61.8462, 71.3297, 5.8247



# Rectangle

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



61.8447, -5.9177, 38.0048



61.8462, -45.0627, 29.5448



61.8462, -0.6420, -88.8584



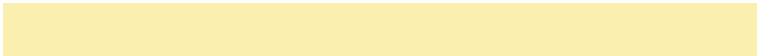
61.8462, 53.7034, -44.2424

# Sweetspot

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



61.8462, -5.9203, 38.0053



92.2743, -10.6060, 30.6367



33.8027, 58.1474, 19.8123



42.4171, -5.1079, 15.4481



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594



# Same Dimension

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



61.8462, -5.9203, 38.0053



82.5963, -7.6445, 50.7616



65.2180, -38.6077, 39.5107



33.9135, -2.5834, 5.0095



50.5279, -4.9726, 31.0480



10.8287, -1.5529, 6.6454



# Inverse Universe

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



21.6363, 44.9768, -124.1329



28.5881, 61.5990, -168.7073



22.5028, 55.6422, -118.0889



31.5888, -0.7869, -1.7298



17.8488, 35.9155, -99.8408



4.6372, 4.5419, -15.6008



# Previews

## White Background



This preview shows how the HunterLab color 61.8447, -5.9177, 38.0048 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

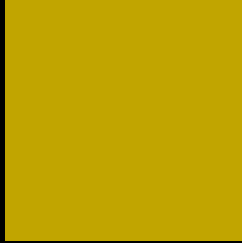
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 61.8447, -5.9177, 38.0048 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 61.8447, -5.9177, 38.0048 Background



This preview shows how black text looks on a background with the HunterLab color 61.8447, -5.9177, 38.0048.



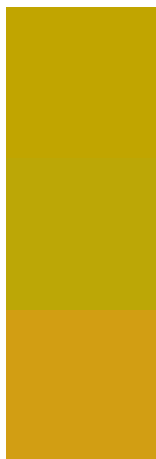
This preview shows how white text looks on a background with the HunterLab color 61.8447, -5.9177,



# 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

61.8447, -5.9177, 38.0048

### Protanopia

61.9209, -8.6467, 37.8390

### Deuteranopia

61.8081, 4.2437, 37.5691



## Tritanopia

61.6892, 15.1345, 4.0647

# Trichromacy



## Original Color

61.8447, -5.9177, 38.0048

## Protanomaly

61.8291, -7.4641, 37.8580

## Deuteranomaly

61.9303, 0.3212, 37.8338

## Tritanomaly

61.0541, 4.7213, 24.7254

# Monochromacy



## Original Color

61.8447, -5.9177, 38.0048

## Achromatopsia

57.2519, -3.0548, 3.1106

## Achromatomaly

58.4227, -7.4868, 23.8891

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.8447, -5.9177, 38.0048 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(193, 165, 0)` looks like.

```
.text, #text, p{  
  color:rgb(193, 165, 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(193, 165, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 165, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.8447, -5.9177, 38.0048 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(193, 165, 0) }
```



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

```
.border{ border-color:rgb(193, 165, 0) }
```

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

Here you see how a box with a 4 pixel rgb(193, 165, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 165, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 165, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 165,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.8447, -5.9177, 38.0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 165, 0) }
```

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

```
.background{ background-color: rgb(193,  
165, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor