

# Converting Colors

HunterLab(65.1747, 11.3228,  
39.8835)

Have a look what the booklet for  
HunterLab(65.1747, 11.3228,  
39.8835) contains.

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# Color

**HunterLab(65.2067, 11.2663,  
39.8951)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7A111
RGB	231, 161, 17
RGB Percent	91%, 63%, 7%
CMY	0.0941, 0.3686, 0.9333
CMYK	0.00, 0.30, 0.93, 0.09
HSL	40°, 86%, 49%
HSV	40°, 93%, 91%
XYZ	45.8010, 42.5191, 6.3234
YIQ	165.5140, 87.9440, -29.9440

# Conversions

## Conversions Part 2

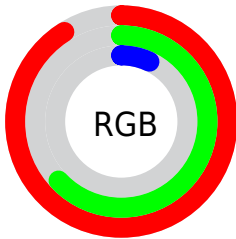
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 231, 17
Decimal	15180049
CIELab	71.23, 16.01, 72.94
CIElCh	71, 74.678, 77.618
Yxy	42.5213, 0.4839, 0.4493
Android (android.graphics.Color)	4293370129 (0xFFE7A111)
YUV	165.5140, -73.2174, 57.4312
Hunter-Lab	65.2067, 11.2663, 39.8951

# Details

The HunterLab color **65.2067, 11.2663, 39.8951** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **35.6450, 28.0781, -103.2942**, and the grayscale version is **61.8194, -3.2985, 3.3588**.

A 20% lighter version of the original color is **84.2593, -4.7601, 46.0783**, and **44.3823, 11.4294, 27.5483** is the 20% darker color. If you saturate the color by 10%, you get **63.7017, 13.9167, 39.4963**, and if you desaturate by 10%, it is **67.3469, 7.8972, 39.8611**.

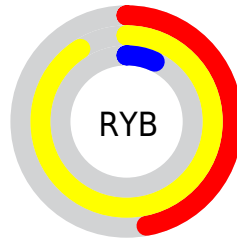
# Distribution



Red (91%)

Green (63%)

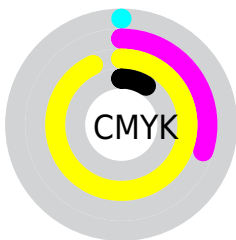
Blue (7%)



Red (47%)

Yellow (91%)

Blue (7%)

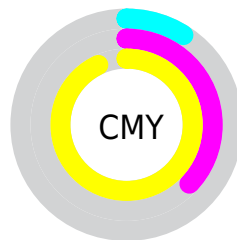


Cyan (0%)

Magenta (30%)

Yellow (93%)

Black (9%)



Cyan (9%)

Magenta (37%)


Yellow (93%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.2067, 11.2663, 39.8951 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 65.2067, 11.2663, 39.8951 by changing the saturation by 10% instead.





 65.2067, 11.2663,  
39.8951


 65.2067, 11.2663,  
39.8951


188.8490, 10.4869,  
78.4027


 54.3228, 11.0488,  
34.7831

 88.8752, 11.4743,  
49.4779


 44.1211, 10.7511,  
29.4335


 101.5932, 11.4851,  
53.9933


 34.6526, 10.3577,  
24.2568


 114.8660, 11.4393,  
58.3537

 25.9791, 9.8530,  
18.1854

 128.6711, 11.3411,  
62.5778

 18.1816, 9.2154,  
12.7271

 142.9889, 11.1940,  
66.6819

 11.3725, 8.4165,  
7.9608

 157.8016, 11.0009,

 3.6884, 18.7208,

70.6796

2.5819

173.0931, 10.7644,  
74.5831

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.2067, 11.2663,  
39.8951

■ 65.2067, 11.2663,  
39.8951

■ 63.7017, 13.9167,  
39.4963

■ 67.3469, 7.8972,  
39.8611

■ 69.6038, 4.8964,  
38.9431

■ 71.9800, 2.2925,  
37.0878

■ 74.4738, 0.1010,  
34.2815

■ 77.0822, -1.6744,

30.5362

■ 79.8014, -3.0377,  
25.8802

■ 82.6271, -3.9993,  
20.3522

■ 85.5546, -4.5730,  
13.9967

■ 88.5793, -4.7758,  
6.8615

# Harmonies

## Analogous

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



65.2084, 47.1665, 34.9576



65.2067, 11.2663, 39.8951



65.2084, -22.2596, 39.4934

# Triad

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



65.2084, 11.2628, 39.8957



65.2084, -55.1681, -18.4258



65.2084, 52.7036, -54.4465

# Complementary

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



65.2067, 11.2663, 39.8951



35.6450, 28.0781, -103.2942

# 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.



65.2084, 17.6927, -88.9642



65.2067, 11.2663, 39.8951



65.2084, -42.2341, -61.8376

# Square

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



65.2084, 11.2628, 39.8957



65.2084, -56.1866, 15.6150



65.2084, -17.0245, -92.2081



65.2084, 74.2028, -11.3794



# Rectangle

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



65.2067, 11.2663, 39.8951



65.2084, -39.0392, 36.2455



65.2084, -17.0245, -92.2081



65.2084, 41.8299, -68.2189

# Sweetspot

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



65.2084, 11.2628, 39.8957



90.6742, -3.9353, 26.2959



42.5444, 72.1042, 14.5083



41.3218, -1.5809, 13.3557

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



65.2084, 11.2628, 39.8957



71.1410, 15.8003, 44.1133



82.9690, -34.8951, 50.1349



39.9761, -2.1613, 5.4562



47.9425, 9.9453, 29.7161



13.6608, 1.5268, 8.4444



# Inverse Universe

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



35.6450, 28.0781, -103.2942



36.7001, 38.7621, -129.5483



26.3037, 63.0590, -153.0963



38.2795, -1.8651, -1.4505



25.0989, 24.4840, -84.2254



7.9379, 3.9428, -18.4330



# Previews

## White Background



This preview shows how the HunterLab color 65.2067, 11.2663, 39.8951 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 65.2067, 11.2663, 39.8951 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 65.2067, 11.2663, 39.8951 Background



This preview shows how black text looks on a background with the HunterLab color 65.2067, 11.2663, 39.8951.



This preview shows how white text looks on a background with the HunterLab color 65.2067, 11.2663,



# 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

65.2067, 11.2663, 39.8951

### Protanopia

65.2596, -8.8960, 39.3673

### Deuteranopia

65.3162, 4.5727, 40.1191



## Tritanopia

65.2404, 29.7429, 10.0786

# Trichromacy



## Original Color

65.2067, 11.2663, 39.8951

## Protanomaly

65.0809, -2.0002, 39.4646

## Deuteranomaly

65.2554, 7.2202, 40.0488

## Tritanomaly

64.7128, 20.7441, 26.9833

# Monochromacy



## Original Color

65.2067, 11.2663, 39.8951

## Achromatopsia

61.7516, -3.2949, 3.3551

## Achromatomaly

62.1835, -1.3619, 23.6774

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.2067, 11.2663, 39.8951 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(231, 161, 17)` looks like.

```
.text, #text, p{  
    color:rgb(231, 161, 17)  
}
```

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(231, 161, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 161, 17) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.2067, 11.2663, 39.8951 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(231, 161, 17) }
```



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

```
.border{ border-color:rgb(231, 161, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 161, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 161, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 161, 17);  
box-shadow:4px 4px 4px 4px rgb(231, 161,  
17) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.2067, 11.2663, 39.8951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 161, 17) }
```

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

```
.background{ background-color: rgb(231,  
161, 17) }
```

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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