

Converting Colors

HunterLab(61.6635, -3.4211,
36.7559)

Have a look what the booklet for
HunterLab(61.6635, -3.4211,
36.7559) contains.

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Color

**HunterLab(61.6635, -3.4211,
36.7559)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A31E
RGB	196, 163, 30
RGB Percent	77%, 64%, 12%
CMY	0.2314, 0.3608, 0.8823
CMYK	0.00, 0.17, 0.85, 0.23
HSL	48°, 73%, 44%
HSV	48°, 85%, 77%
XYZ	36.0965, 38.0239, 6.6651
YIQ	157.7050, 62.3610, -34.3670

Conversions

Conversions Part 2

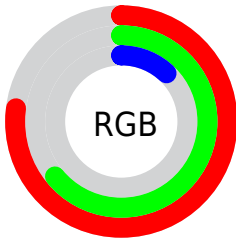
Format	Color
RYB	71, 196, 30
Decimal	12886814
CIELab	68.04, -0.15, 66.07
CIELCh	68, 66.071, 90.130
Yxy	38.0257, 0.4468, 0.4707
Android (android.graphics.Color)	4291076894 (0xFFC4A31E)
YUV	157.7050, -62.9586, 33.5847
Hunter-Lab	61.6635, -3.4211, 36.7559

Details

The HunterLab color **61.6635, -3.4211, 36.7559** 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 **27.9582, 29.4550, -93.0068**, and the grayscale version is **58.5851, -3.1260, 3.1830**.

A 20% lighter version of the original color is **84.9259, -5.4549, 45.6372**, and **41.2209, -1.6587, 25.3711** is the 20% darker color. If you saturate the color by 10%, you get **60.4917, -1.8772, 36.9489**, and if you desaturate by 10%, it is **62.8998, -4.6978, 35.8737**.

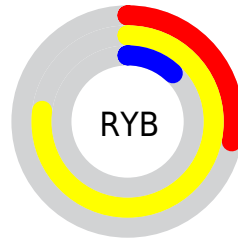
Distribution



Red (77%)

Green (64%)

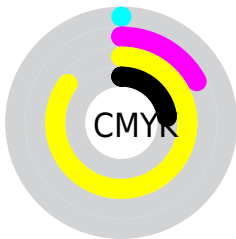
Blue (12%)



Red (28%)

Yellow (77%)

Blue (12%)

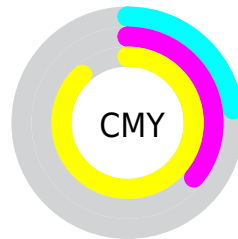


Cyan (0%)

Magenta (17%)

Yellow (85%)

Black (23%)



Cyan (23%)

Magenta (36%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.6635, -3.4211, 36.7559 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 61.6635, -3.4211, 36.7559 by changing the saturation by 10% instead.

61.6635, -3.4211,
36.7559

61.6635, -3.4211,
36.7559

183.7744,
-10.0030, 72.3824

50.9928, -2.8458,
31.9990

84.9397, -4.6816,
45.6376

41.0190, -2.3045,
26.9982

97.4757, -5.3579,
49.8137

31.7966, -1.8027,
22.2576

110.5741, -6.0641,
53.8441

23.3925, -1.3436,
16.3748

124.2117, -6.7987,
57.7478

15.8960, -0.9318,
11.1272

138.3680, -7.5608,
61.5408

9.4342, -0.5734,
6.6039

153.0247, -8.3495,

0.0000, NaN, NaN

65.2368

0.0000, NaN, NaN

168.1651, -9.1638,
68.8473

0.0000, NaN, NaN

■ 61.6635, -3.4211,
36.7559

■ 61.6635, -3.4211,
36.7559

■ 60.4917, -1.8772,
36.9489

■ 62.8998, -4.6978,
35.8737

■ 59.8862, -0.9885,
36.8843

■ 64.2005, -5.6690,
34.2303

■ 65.5699, -6.3187,
31.7859

■ 67.0094, -6.6360,
28.5213

■ 68.5193, -6.6161,
24.4326

■ 70.0996, -6.2591,
19.5271

■ 71.7495, -5.5686,
13.8213

■ 73.4679, -4.5515,
7.3381

■ 75.2534, -3.2167,
0.1051

Harmonies

Analogous

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



61.6650, 27.8855, 34.3683



61.6635, -3.4211, 36.7559



61.6650, -29.4792, 34.3229

Triad

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



61.6650, -3.4238, 36.7564



61.6650, -45.4059, -30.7139



61.6650, 54.6147, -30.3903

Complementary

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



61.6635, -3.4211, 36.7559



27.9582, 29.4550, -93.0068

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.



61.6650, 28.1540, -64.7602



61.6635, -3.4211, 36.7559



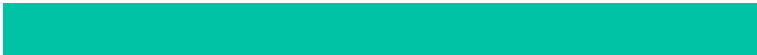
61.6650, -29.2929, -65.0013

Square

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



61.6650, -3.4238, 36.7564



61.6650, -50.7338, 3.2326



61.6650, -3.1633, -79.7075



61.6650, 65.0300, 3.4803

Rectangle

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



61.6635, -3.4211, 36.7559



61.6650, -41.3673, 29.0561



61.6650, -3.1633, -79.7075



61.6650, 47.0818, -42.7519

Sweetspot

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



61.6650, -3.4238, 36.7564



94.1980, -8.4728, 26.7810



36.0911, 56.1936, 15.4482



43.2252, -4.0180, 13.5255

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.6650, -3.4238, 36.7564



80.3713, -0.9353, 49.5080



67.6038, -34.1734, 39.9813



33.7745, -2.3552, 4.8627



48.1322, -1.0094, 29.6412



10.4388, -0.9298, 6.4161

Inverse Universe

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



27.9582, 29.4550, -93.0068



30.9197, 56.8488, -161.3672



25.7124, 50.2491, -103.6997



31.7254, -1.0172, -1.5585



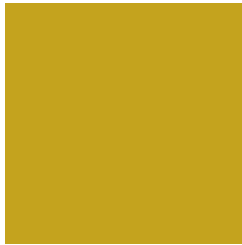
18.9479, 32.0020, -92.7663



5.0367, 3.5237, -13.9020

Previews

White Background



This preview shows how the HunterLab color 61.6635, -3.4211, 36.7559 looks on a white background.

Color Contrast Check

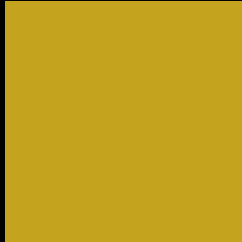
Large Text (above 18pt) WCAG AA × Fail

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 61.6635, -3.4211, 36.7559 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 61.6635, -3.4211, 36.7559 Background



This preview shows how black text looks on a background with the HunterLab color 61.6635, -3.4211, 36.7559.



This preview shows how white text looks on a background with the HunterLab color 61.6635, -3.4211, 36.7559.

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

61.6635, -3.4211, 36.7559

Protanopia

61.5923, -8.1589, 36.5622

Deuteranopia

61.4693, 4.6356, 36.4985



Tritanopia

61.7090, 16.4377, 5.0205

Trichromacy



Original Color

61.6635, -3.4211, 36.7559

Protanomaly

61.6087, -6.5898, 36.6001

Deuteranomaly

61.4357, 1.6593, 36.4968

Tritanomaly

61.2954, 7.2963, 22.2087

Monochromacy



Original Color

61.6635, -3.4211, 36.7559

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

59.2115, -5.7857, 21.3257

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.6635, -3.4211, 36.7559 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(196, 163, 30)` looks like.

```
.text, #text, p{  
    color:rgb(196, 163, 30)  
}
```

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(196, 163, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 163, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 61.6635, -3.4211, 36.7559 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(196, 163, 30) }
```


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

```
.border{ border-color:rgb(196, 163, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 163, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 163, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 163, 30);  
box-shadow:4px 4px 4px 4px rgb(196, 163,  
30) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.6635, -3.4211, 36.7559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 163, 30) }
```

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

```
.background{ background-color: rgb(196,  
163, 30) }
```

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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