

Converting Colors

HunterLab(61.7316, 4.0711,
36.8650)

Have a look what the booklet for
HunterLab(61.7316, 4.0711,
36.8650) contains.

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Color

**HunterLab(61.7316, 4.0711,
36.8650)**

Conversions

Conversions Part 1

Format	Color
Hex	D19E1F
RGB	209, 158, 31
RGB Percent	82%, 62%, 12%
CMY	0.1804, 0.3804, 0.8784
CMYK	0.00, 0.24, 0.85, 0.18
HSL	43°, 74%, 47%
HSV	43°, 85%, 82%
XYZ	38.7686, 38.1079, 6.6085
YIQ	158.7710, 71.1630, -28.6850

Conversions

Conversions Part 2

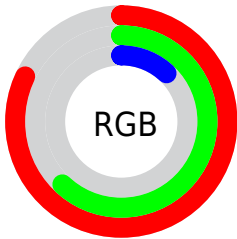
Format	Color
RYB	102, 209, 31
Decimal	13737503
CIELab	68.10, 8.31, 66.40
CIELCh	68, 66.919, 82.870
Yxy	38.1098, 0.4644, 0.4565
Android (android.graphics.Color)	4291927583 (0xFFD19E1F)
YUV	158.7710, -62.9911, 44.0508
Hunter-Lab	61.7316, 4.0711, 36.8650

Details

The HunterLab color **61.7316, 4.0711, 36.8650** 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 **33.0593, 23.6281, -87.3978**, and the grayscale version is **59.0179, -3.1490, 3.2066**.

A 20% lighter version of the original color is **83.1073, -2.4212, 44.4253**, and **41.2304, 5.0622, 25.4946** is the 20% darker color. If you saturate the color by 10%, you get **60.0330, 6.6835, 36.8225**, and if you desaturate by 10%, it is **63.5223, 1.7608, 36.1511**.

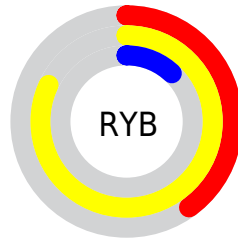
Distribution



Red (82%)

Green (62%)

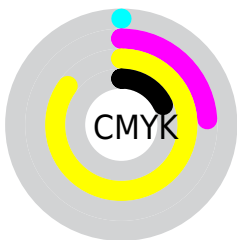
Blue (12%)



Red (40%)

Yellow (82%)

Blue (12%)

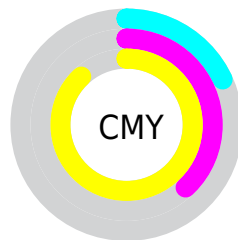


Cyan (0%)

Magenta (24%)

Yellow (85%)

Black (18%)



Cyan (18%)

Magenta (38%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.7316, 4.0711, 36.8650 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 61.7316, 4.0711, 36.8650 by changing the saturation by 10% instead.

61.7316, 4.0711,
36.8650

61.7316, 4.0711,
36.8650

183.8724, 0.6523,
72.6422

51.0567, 4.2078,
32.0885

85.0155, 3.6179,
45.7846

41.0785, 4.2819,
27.0681

97.5551, 3.3173,
49.9787

31.8513, 4.2810,
22.2959

110.6569, 2.9713,
54.0264

23.4419, 4.1923,
16.4093

124.2978, 2.5830,
57.9467

15.9394, 3.9968,
11.1576

138.4572, 2.1549,
61.7558

9.4706, 3.6644,
6.6294

153.1169, 1.6892,

0.0000, INF, NaN

65.4673

0.0000, NaN, NaN

168.2603, 1.1878,
69.0927

0.0000, NaN, NaN

■ 61.7316, 4.0711,
36.8650

■ 61.7316, 4.0711,
36.8650

■ 60.0330, 6.6835,
36.8225

■ 63.5223, 1.7608,
36.1511

■ 59.2360, 8.0161,
36.6413

■ 65.4033, -0.2064,
34.6141

■ 67.3768, -1.8165,
32.2278

■ 69.4420, -3.0622,
28.9893

■ 71.5969, -3.9434,
24.9123

■ 73.8392, -4.4658,
20.0216

■ 76.1661, -4.6384,
14.3491

■ 78.5745, -4.4735,
7.9318

■ 81.0612, -3.9848,
0.8088

Harmonies

Analogous

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



61.7331, 35.7610, 33.1502



61.7316, 4.0711, 36.8650



61.7331, -24.2613, 35.6456

Triad

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



61.7331, 4.0681, 36.8655



61.7331, -48.1658, -22.1601



61.7331, 50.0869, -40.0853

Complementary

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



61.7316, 4.0711, 36.8650



33.0593, 23.6281, -87.3978

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.



61.7331, 20.9014, -72.1610



61.7316, 4.0711, 36.8650



61.7331, -34.5527, -58.8018

Square

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



61.7331, 4.0681, 36.8655



61.7331, -50.9530, 9.8239



61.7331, -10.3327, -80.2889



61.7331, 65.4436, -3.8878

Rectangle

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



61.7316, 4.0711, 36.8650



61.7331, -38.0105, 31.6634



61.7331, -10.3327, -80.2889



61.7331, 41.3282, -52.2984

Sweetspot

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



61.7331, 4.0681, 36.8655



92.1495, -5.5409, 25.8184



38.9639, 61.9203, 12.2040



42.1737, -2.4727, 12.9720

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.7331, 4.0681, 36.8655



73.9550, 10.4648, 45.7539



73.9117, -31.8505, 43.9463



36.3337, -2.1478, 5.0342



46.7021, 5.9461, 28.8817



11.6254, 0.3621, 7.1699

Inverse Universe

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



33.0593, 23.6281, -87.3978



34.6299, 44.7359, -139.8563



26.0057, 52.5493, -120.5802



34.5854, -1.5036, -1.4187



22.2935, 26.3357, -84.7161



6.4355, 3.2852, -15.1358

Previews

White Background



This preview shows how the HunterLab color 61.7316, 4.0711, 36.8650 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 61.7316, 4.0711, 36.8650 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 61.7316, 4.0711, 36.8650 Background



This preview shows how black text looks on a background with the HunterLab color 61.7316, 4.0711, 36.8650.



This preview shows how white text looks on a background with the HunterLab color 61.7316, 4.0711,

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

61.7316, 4.0711, 36.8650

Protanopia

61.8967, -8.5767, 36.6121

Deuteranopia

61.8500, 4.4685, 36.9473



Tritanopia

61.5914, 22.4113, 7.2056

Trichromacy



Original Color

61.7316, 4.0711, 36.8650

Protanomaly

61.8525, -4.2287, 36.7293

Deuteranomaly

61.8500, 4.4685, 36.9473

Tritanomaly

61.1958, 13.7586, 23.0976

Monochromacy



Original Color

61.7316, 4.0711, 36.8650

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

59.4249, -3.5042, 21.2616

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.7316, 4.0711, 36.8650 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(209, 158, 31)` looks like.

```
.text, #text, p{  
    color:rgb(209, 158, 31)  
}
```

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(209, 158, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 158, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 61.7316, 4.0711, 36.8650 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(209, 158, 31) }
```


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

```
.border{ border-color:rgb(209, 158, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 158, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 158, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 158, 31);  
box-shadow:4px 4px 4px 4px rgb(209, 158,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.7316, 4.0711, 36.8650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 158, 31) }
```

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

```
.background{ background-color: rgb(209,  
158, 31) }
```

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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