

Converting Colors

HunterLab(61.5739, 0.7832,
37.9540)

Have a look what the booklet for
HunterLab(61.5739, 0.7832,
37.9540) contains.

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Color

**HunterLab(61.6271, 0.6904,
37.9864)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA000
RGB	204, 160, 0
RGB Percent	80%, 63%, 0%
CMY	0.2000, 0.3725, 0.9999
CMYK	0.00, 0.22, 1.00, 0.20
HSL	47°, 100%, 40%
HSV	47°, 100%, 80%
XYZ	37.4727, 37.9790, 5.3557
YIQ	154.9160, 77.5840, -40.4320

Conversions

Conversions Part 2

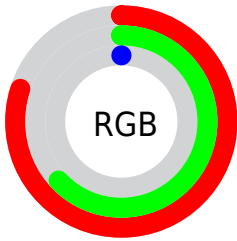
Format	Color
RYB	56, 204, 0
Decimal	13410304
CIELab	68.01, 4.54, 71.56
CIELCh	68, 71.700, 86.373
Yxy	37.9809, 0.4637, 0.4700
Android (android.graphics.Color)	4291600384 (0xFFCCA000)
YUV	154.9160, -76.3736, 43.0467
Hunter-Lab	61.6271, 0.6904, 37.9864

Details

The HunterLab color **61.6271, 0.6904, 37.9864** 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 **24.8228, 41.4149, -120.4271**, and the grayscale version is **57.4978, -3.0679, 3.1240**.

A 20% lighter version of the original color is **83.5912, -4.0866, 46.5873**, and **41.1789, 2.2591, 25.4138** is the 20% darker color. If you saturate the color by 10%, you get **61.6277, 0.6890, 37.9867**, and if you desaturate by 10%, it is **62.9170, -1.2187, 38.1057**.

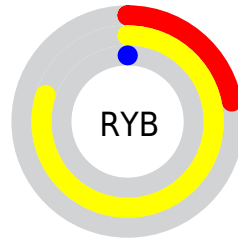
Distribution



Red (80%)

Green (63%)

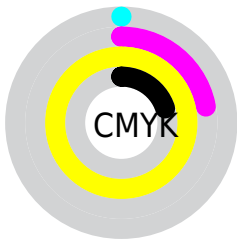
Blue (0%)



Red (22%)

Yellow (80%)

Blue (0%)

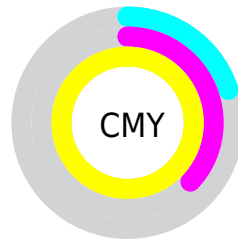


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.6271, 0.6904, 37.9864 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 61.6271, 0.6904, 37.9864 by changing the saturation by 10% instead.

61.6271, 0.6904,
37.9864

61.6271, 0.6904,
37.9864

183.7220, -4.1228,
76.2342

50.9587, 1.0194,
32.8839

84.8992, -0.1176,
47.5339

40.9873, 1.2977,
27.5570

97.4333, -0.5837,
52.0246

31.7674, 1.5159,
22.2372

110.5299, -1.0884,
56.3568

23.3662, 1.6648,
16.3564

124.1658, -1.6295,
60.5499

15.8729, 1.7307,
11.1110

138.3204, -2.2050,
64.6208

9.4147, 1.6913,
6.5903

152.9754, -2.8134,

0.0000, NaN, NaN

68.5838

0.0000, NaN, NaN

168.1143, -3.4530,
72.4514

0.0000, NaN, NaN

61.6271, 0.6904,
37.9864

61.6271, 0.6904,
37.9864

61.6277, 0.6890,
37.9867

62.9170, -1.2187,
38.1057

64.2647, -2.8868,
37.6292

65.6827, -4.2495,
36.3864

67.1746, -5.2816,
34.3221

68.7419, -5.9683,
31.4086

■ 70.3853, -6.3025,
27.6371

■ 72.1046, -6.2826,
23.0128

■ 73.8990, -5.9117,
17.5514

■ 75.7672, -5.1962,
11.2763

Harmonies

Analogous

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



61.6286, 35.0150, 35.0596



61.6271, 0.6904, 37.9864



61.6286, -28.5264, 36.2837

Triad

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



61.6286, 0.6875, 37.9869



61.6286, -49.6507, -29.0858



61.6286, 57.4217, -39.1561

Complementary

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



61.6271, 0.6904, 37.9864



24.8228, 41.4149, -120.4271

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.



61.6286, 26.7967, -76.5297



61.6271, 0.6904, 37.9864



61.6286, -34.0545, -68.9080

Square

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



61.6286, 0.6875, 37.9869



61.6286, -53.8361, 6.9770



61.6286, -7.1724, -89.5415



61.6286, 71.7522, -0.5019

Rectangle

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



61.6271, 0.6904, 37.9864



61.6286, -42.1146, 31.7826



61.6286, -7.1724, -89.5415



61.6286, 48.4192, -52.9215

Sweetspot

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



61.6286, 0.6875, 37.9869



92.7015, -8.0948, 29.8731



36.0847, 62.3021, 19.3763



42.4460, -3.7722, 15.0497

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.6286, 0.6875, 37.9869



79.1013, 1.2451, 48.7637



70.2247, -37.7846, 42.6103



35.5950, -2.4124, 5.1021



49.0366, 0.2987, 30.2214



11.5992, -0.7104, 7.1349

Inverse Universe

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



24.8228, 41.4149, -120.4271



31.5468, 54.6537, -157.4126



22.9212, 58.2689, -132.6240



33.5108, -1.1446, -1.6114



19.9763, 31.9089, -93.8507



5.6625, 4.0692, -15.8619

Previews

White Background



This preview shows how the HunterLab color 61.6271, 0.6904, 37.9864 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 61.6271, 0.6904, 37.9864 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 61.6271, 0.6904, 37.9864 Background



This preview shows how black text looks on a background with the HunterLab color 61.6271, 0.6904, 37.9864.



This preview shows how white text looks on a background with the HunterLab color 61.6271, 0.6904,

37.9864.

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

61.6271, 0.6904, 37.9864

Protanopia

61.5298, -8.5067, 37.4887

Deuteranopia

61.5160, 4.6472, 37.6520



Tritanopia

61.6685, 20.1448, 6.3775

Trichromacy



Original Color

61.6271, 0.6904, 37.9864

Protanomaly

61.5642, -5.3863, 37.6754

Deuteranomaly

61.5477, 3.3199, 37.7622

Tritanomaly

61.0713, 10.2831, 25.6082

Monochromacy



Original Color

61.6271, 0.6904, 37.9864

Achromatopsia

57.2519, -3.0548, 3.1106

Achromatomaly

58.2229, -5.1863, 23.7651

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.6271, 0.6904, 37.9864 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(204, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 160, 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(204, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 160, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 61.6271, 0.6904, 37.9864 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(204, 160, 0) }
```


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

```
.border{ border-color:rgb(204, 160, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 160, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 160,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.6271, 0.6904, 37.9864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 160, 0) }
```

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

```
.background{ background-color: rgb(204,  
160, 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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