

Converting Colors

HunterLab(61.1323, 1.5479,
37.6965)

Have a look what the booklet for
HunterLab(61.1323, 1.5479,
37.6965) contains.

HunterLab(61.0664, 1.6627, 37.6580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(61.0664, 1.6627,
37.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9E00
RGB	204, 158, 0
RGB Percent	80%, 62%, 0%
CMY	0.2000, 0.3804, 1.0000
CMYK	0.00, 0.23, 1.00, 0.20
HSL	46°, 100%, 40%
HSV	46°, 100%, 80%
XYZ	37.1287, 37.2911, 5.2409
YIQ	153.7420, 78.1340, -39.3860

Conversions

Conversions Part 2

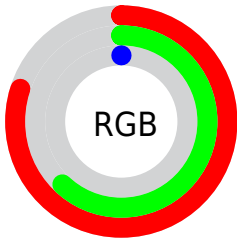
Format	Color
RYB	59, 204, 0
Decimal	13409792
CIELab	67.50, 5.61, 71.20
CIElCh	67, 71.424, 85.495
Yxy	37.2929, 0.4661, 0.4681
Android (android.graphics.Color)	4291599872 (0xFFCC9E00)
YUV	153.7420, -75.7948, 44.0763
Hunter-Lab	61.0664, 1.6627, 37.6580

Details

The HunterLab color **61.0664, 1.6627, 37.6580** 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 **25.1279, 40.3918, -118.6003**, and the grayscale version is **57.0180, -3.0423, 3.0979**.

A 20% lighter version of the original color is **82.9872, -3.0767, 46.1974**, and **40.6634, 3.1774, 25.1122** is the 20% darker color. If you saturate the color by 10%, you get **61.0671, 1.6610, 37.6584**, and if you desaturate by 10%, it is **62.4048, -0.3468, 37.8003**.

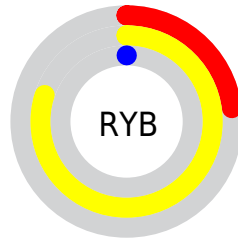
Distribution



Red (80%)

Green (62%)

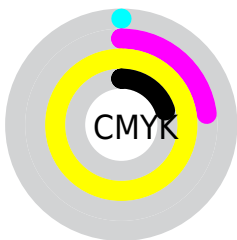
Blue (0%)



Red (23%)

Yellow (80%)

Blue (0%)

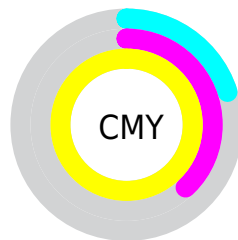


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.0664, 1.6627, 37.6580 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 61.0664, 1.6627, 37.6580 by changing the saturation by 10% instead.

61.0664, 1.6627,
37.6580

61.0664, 1.6627,
37.6580

182.9144, -2.7323,
75.8009

50.4325, 1.9335,
32.5652

84.2752, 0.9617,
47.1839

40.4981, 2.1497,
27.2548

96.7799, 0.5453,
51.6631

31.3182, 2.3010,
21.9228

109.8483, 0.0882,
55.9835

22.9610, 2.3767,
16.0727

123.4572, -0.4071,
60.1646

15.5169, 2.3611,
10.8619

137.5858, -0.9385,
64.2234

9.1098, 2.2524,
6.3768

152.2157, -1.5042,

0.0000, NaN, NaN

68.1744

0.0000, NaN, NaN

167.3303, -2.1026,
72.0300

0.0000, NaN, NaN

61.0664, 1.6627,
37.6580

61.0664, 1.6627,
37.6580

61.0671, 1.6610,
37.6584

62.4048, -0.3468,
37.8003

63.8033, -2.1137,
37.3448

65.2742, -3.5734,
36.1217

66.8206, -4.7012,
34.0778

68.4442, -5.4830,
31.1873

■ 70.1453, -5.9121,
27.4435

■ 71.9233, -5.9876,
22.8536

■ 73.7774, -5.7132,
17.4352

■ 75.7060, -5.0960,
11.2132

Harmonies

Analogous

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



61.0679, 35.7574, 34.6036



61.0664, 1.6627, 37.6580



61.0679, -27.6089, 36.1106

Triad

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



61.0679, 1.6598, 37.6585



61.0679, -49.5617, -27.7104



61.0679, 56.3374, -40.1344

Complementary

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



61.0664, 1.6627, 37.6580



25.1279, 40.3918, -118.6003

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.



61.0679, 25.6215, -76.9012



61.0664, 1.6627, 37.6580



61.0679, -34.4239, -67.4966

Square

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



61.0679, 1.6598, 37.6585



61.0679, -53.3919, 7.7562



61.0679, -8.0321, -88.8772



61.0679, 71.2009, -1.4673

Rectangle

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



61.0664, 1.6627, 37.6580



61.0679, -41.3214, 31.8098



61.0679, -8.0321, -88.8772



61.0679, 47.2511, -53.7721

Sweetspot

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



61.0679, 1.6598, 37.6585



92.4656, -7.7102, 29.6653



36.1216, 62.4394, 18.8304



42.3218, -3.5700, 14.9444

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.0679, 1.6598, 37.6585



78.3721, 2.5131, 48.3365



70.4499, -36.8940, 42.7647



35.5681, -2.3681, 5.0736



48.5974, 1.0581, 29.9640



11.5176, -0.5750, 7.0870

Inverse Universe

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



25.1279, 40.3918, -118.6003



31.9304, 53.3433, -155.0631



22.7057, 58.0811, -134.1625



33.5373, -1.1892, -1.5782



20.2248, 31.0933, -92.4008



5.7339, 3.8968, -15.5790

Previews

White Background



This preview shows how the HunterLab color 61.0664, 1.6627, 37.6580 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 61.0664, 1.6627, 37.6580 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 61.0664, 1.6627, 37.6580 Background



This preview shows how black text looks on a background with the HunterLab color 61.0664, 1.6627, 37.6580.



This preview shows how white text looks on a background with the HunterLab color 61.0664, 1.6627,

37.6580.

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

61.0664, 1.6627, 37.6580

Protanopia

61.1321, -8.4061, 37.2436

Deuteranopia

60.9990, 4.3207, 37.3838



Tritanopia

61.1008, 20.9043, 6.6269

Trichromacy



Original Color

61.0664, 1.6627, 37.6580

Protanomaly

60.9846, -4.4388, 37.3332

Deuteranomaly

61.1494, 3.3939, 37.5723

Tritanomaly

60.5212, 11.2081, 25.4276

Monochromacy



Original Color

61.0664, 1.6627, 37.6580

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

57.5284, -4.6761, 23.4578

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.0664, 1.6627, 37.6580 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, 158, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 158, 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, 158, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 158, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 61.0664, 1.6627, 37.6580 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, 158, 0) }
```


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

```
.border{ border-color:rgb(204, 158, 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, 158, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 158, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 158, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 158,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.0664, 1.6627, 37.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 158, 0) }
```

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

```
.background{ background-color: rgb(204,  
158, 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