

# Converting Colors

HunterLab(60.2341, 3.1229,  
37.1707)

Have a look what the booklet for  
HunterLab(60.2341, 3.1229,  
37.1707) contains.

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# Color

**HunterLab(60.2329, 3.1250,  
37.1700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC9B00
RGB	204, 155, 0
RGB Percent	80%, 61%, 0%
CMY	0.2000, 0.3921, 1.0000
CMYK	0.00, 0.24, 1.00, 0.20
HSL	46°, 100%, 40%
HSV	46°, 100%, 80%
XYZ	36.6231, 36.2800, 5.0724
YIQ	151.9810, 78.9590, -37.8170

# Conversions

## Conversions Part 2

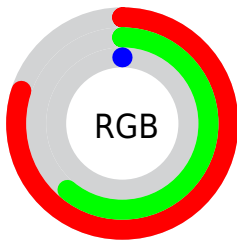
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 204, 0
Decimal	13409024
CIELab	66.73, 7.23, 70.68
CIElCh	67, 71.047, 84.162
Yxy	36.2818, 0.4697, 0.4653
Android (android.graphics.Color)	4291599104 (0xFFCC9B00)
YUV	151.9810, -74.9266, 45.6207
Hunter-Lab	60.2329, 3.1250, 37.1700

# Details

The HunterLab color **60.2329, 3.1250, 37.1700** 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 **25.6061, 38.8250, -115.8157**, and the grayscale version is **56.2998, -3.0040, 3.0589**.

A 20% lighter version of the original color is **82.0786, -1.6039, 45.7399**, and **39.7868, 4.1831, 24.5897** is the 20% darker color. If you saturate the color by 10%, you get **60.2336, 3.1233, 37.1704**, and if you desaturate by 10%, it is **61.6425, 0.9643, 37.3455**.

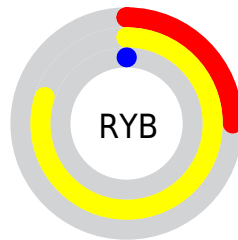
# Distribution



Red (80%)

Green (61%)

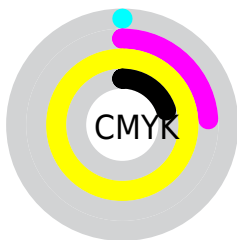
Blue (0%)



Red (25%)

Yellow (80%)

Blue (0%)

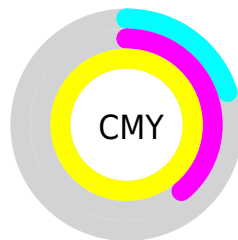


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (39%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.2329, 3.1250, 37.1700 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 60.2329, 3.1250, 37.1700 by changing the saturation by 10% instead.



60.2329, 3.1250,  
37.1700

60.2329, 3.1250,  
37.1700

181.7115, -0.6414,  
75.1567

49.6507, 3.3084,  
32.0917

83.3468, 2.5848,  
46.6639

39.7718, 3.4314,  
26.8086

95.8075, 2.2431,  
51.1259

30.6519, 3.4821,  
21.4563

108.8339, 1.8576,  
55.4286

22.3606, 3.4481,  
15.6524

122.4023, 1.4311,  
59.5920

14.9908, 3.3106,  
10.4936

136.4921, 0.9660,  
63.6328

8.6347, 3.2010,  
6.0443

151.0844, 0.4644,

0.0000, NaN, NaN

67.5659

0.0000, NaN, NaN

166.1626, -0.0719,  
71.4036

0.0000, NaN, NaN

60.2329, 3.1250,  
37.1700

60.2329, 3.1250,  
37.1700

60.2336, 3.1233,  
37.1704

61.6425, 0.9643,  
37.3455

63.1157, -0.9512,  
36.9205

64.6647, -2.5570,  
35.7260

66.2922, -3.8290,  
33.7117

67.9995, -4.7538,  
30.8549

■ 69.7864, -5.3256,  
27.1522

■ 71.6522, -5.5445,  
22.6137

■ 73.5955, -5.4152,  
17.2596

■ 75.6145, -4.9454,  
11.1170

# Harmonies

## Analogous

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



60.2344, 36.8775, 33.9222



60.2329, 3.1250, 37.1700



60.2344, -26.2346, 35.8496

# Triad

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



60.2344, 3.1221, 37.1705



60.2344, -49.4288, -25.6818



60.2344, 54.7255, -41.6245

# Complementary

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



60.2329, 3.1250, 37.1700



25.6061, 38.8250, -115.8157

# 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.



60.2344, 23.8777, -77.4729



60.2329, 3.1250, 37.1700



60.2344, -34.9691, -65.4019

# Square

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



60.2344, 3.1221, 37.1705



60.2344, -52.7321, 8.8942



60.2344, -9.3047, -87.8920



60.2344, 70.3829, -2.9355



# Rectangle

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



60.2329, 3.1250, 37.1700



60.2344, -40.1371, 31.8409



60.2344, -9.3047, -87.8920



60.2344, 45.5154, -55.0685

# Sweetspot

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



60.2344, 3.1221, 37.1705



92.1122, -7.1327, 29.3534



36.1616, 62.5872, 18.2416



42.1360, -3.2663, 14.7863

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



60.2344, 3.1221, 37.1705



77.2880, 4.4207, 47.7019



70.6809, -35.9831, 42.9230



35.5278, -2.3017, 5.0309



47.9442, 2.2004, 29.5815



11.3959, -0.3714, 7.0156



# Inverse Universe

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



25.6061, 38.8250, -115.8157



32.5327, 51.3323, -151.4749



22.5030, 57.9071, -135.6336



33.5771, -1.2561, -1.5285



20.6126, 29.8495, -90.2005



5.8394, 3.6471, -15.1718



# Previews

## White Background



This preview shows how the HunterLab color 60.2329, 3.1250, 37.1700 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

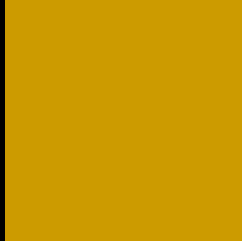
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 60.2329, 3.1250, 37.1700 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 60.2329, 3.1250, 37.1700 Background



This preview shows how black text looks on a background with the HunterLab color 60.2329, 3.1250, 37.1700.



This preview shows how white text looks on a background with the HunterLab color 60.2329, 3.1250,



# 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

60.2329, 3.1250, 37.1700

### Protanopia

60.3398, -8.1950, 36.7265

### Deuteranopia

60.2066, 4.4767, 36.9794



## Tritanopia

60.2579, 22.0478, 7.0044

# Trichromacy



## Original Color

60.2329, 3.1250, 37.1700

## Protanomaly

60.1941, -4.2341, 36.8192

## Deuteranomaly

60.0825, 4.0496, 36.9801

## Tritanomaly

59.6959, 12.5566, 25.2800

# Monochromacy



## Original Color

60.2329, 3.1250, 37.1700

## Achromatopsia

56.0347, -2.9899, 3.0445

## Achromatomaly

56.8361, -4.1662, 23.1517

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 60.2329, 3.1250, 37.1700 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, 155, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 155, 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, 155, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 155, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 60.2329, 3.1250, 37.1700 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, 155, 0) }
```



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

```
.border{ border-color:rgb(204, 155, 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, 155, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 155, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 155, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 155,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 60.2329, 3.1250, 37.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 155, 0) }
```

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

```
.background{ background-color: rgb(204,  
155, 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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