

# Converting Colors

HunterLab(52.2305, 0.2668,  
34.6718)

Have a look what the booklet for  
HunterLab(52.2305, 0.2668,  
34.6718) contains.

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# Color

**HunterLab(52.4634, 0.8015,  
32.3417)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B18A00
RGB	177, 138, 0
RGB Percent	69%, 54%, 0%
CMY	0.3059, 0.4588, 1.0000
CMYK	0.00, 0.22, 1.00, 0.31
HSL	47°, 100%, 35%
HSV	47°, 100%, 69%
XYZ	27.2200, 27.5241, 3.8781
YIQ	133.9290, 67.5420, -34.6500

# Conversions

## Conversions Part 2

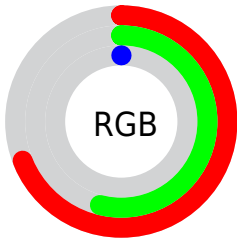
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 177, 0
Decimal	11635200
CIELab	59.46, 4.33, 64.29
CIElCh	59, 64.438, 86.148
Yxy	27.5254, 0.4643, 0.4695
Android (android.graphics.Color)	4289825280 (0xFFB18A00)
YUV	133.9290, -66.0270, 37.7733
Hunter-Lab	52.4634, 0.8015, 32.3417

# Details

The HunterLab color **52.4634, 0.8015, 32.3417** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **21.5077, 34.2473, -100.8110**, and the grayscale version is **49.0335, -2.6163, 2.6641**.

A 20% lighter version of the original color is **74.6380, 0.1084, 41.3906**, and **33.2666, 1.7730, 20.5298** is the 20% darker color. If you saturate the color by 10%, you get **52.4640, 0.8001, 32.3421**, and if you desaturate by 10%, it is **53.5793, -0.8247, 32.3812**.

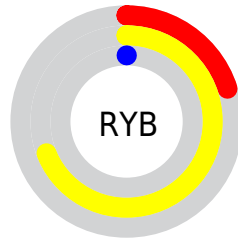
# Distribution



Red (69%)

Green (54%)

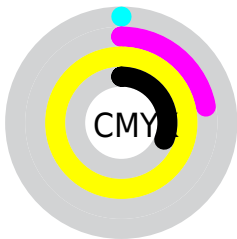
Blue (0%)



Red (20%)

Yellow (69%)

Blue (0%)

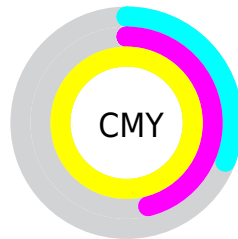


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (46%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.4634, 0.8015, 32.3417 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 52.4634, 0.8015, 32.3417 by changing the saturation by 10% instead.



■ 52.4634, 0.8015,  
32.3417

■ 52.4634, 0.8015,  
32.3417

170.3503, -3.8043,  
68.1288

■ 42.3890, 1.0969,  
27.4917

■ 74.6498, 0.0521,  
41.3509

■ 33.0563, 1.3365,  
22.6707

■ 86.6821, -0.3885,  
45.5637

■ 24.5314, 1.5094,  
17.1720

■ 99.2994, -0.8695,  
49.6164

■ 16.8996, 1.6031,  
11.8297

■ 112.4756, -1.3884,  
53.5307

■ 10.2811, 1.5975,  
7.1967

■ 126.1880, -1.9430,  
57.3249


0.0000, INF, NaN

0.0000, NaN, NaN

■ 140.4163, -2.5316,

61.0142


0.0000, NaN, NaN


 155.1425, -3.1525,  
64.6119


0.0000, NaN, NaN


 52.4634, 0.8015,  
32.3417


 52.4634, 0.8015,  
32.3417

 52.4640, 0.8001,  
32.3421

 53.5793, -0.8247,  
32.3812

 54.7434, -2.2536,  
31.9361

 55.9674, -3.4241,  
30.8445

 57.2540, -4.3164,  
29.0637

 58.6044, -4.9190,  
26.5724

■ 60.0191, -5.2263,  
23.3650

■ 61.4977, -5.2376,  
19.4471

■ 63.0395, -4.9558,  
14.8325

■ 64.6432, -4.3864,  
9.5415

# Harmonies

## Analogous

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



52.4647, 30.0401, 29.8165



52.4634, 0.8015, 32.3417



52.4647, -24.1408, 30.9230

# Triad

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



52.4647, 0.7990, 32.3421



52.4647, -42.3473, -24.5166



52.4647, 48.7600, -33.6246

# Complementary

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



52.4634, 0.8015, 32.3417



21.5077, 34.2473, -100.8110

# 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.



52.4647, 22.6077, -65.3830



52.4634, 0.8015, 32.3417



52.4647, -29.1397, -58.4893

# Square

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



52.4647, 0.7990, 32.3421



52.4647, -45.8408, 6.1251



52.4647, -6.3088, -76.2595



52.4647, 61.1049, -0.6385



# Rectangle

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



52.4634, 0.8015, 32.3417



52.4647, -35.7626, 27.1263



52.4647, -6.3088, -76.2595



52.4647, 41.0598, -45.3427

# Sweetspot

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



52.4647, 0.7990, 32.3421



82.1961, -7.0183, 26.3208



30.8376, 53.3343, 15.8478



37.8821, -3.2827, 13.2997



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444



# Same Dimension

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



52.4647, 0.7990, 32.3421



69.9678, 1.4928, 43.1399



60.1451, -31.3617, 36.5118



30.9559, -2.0740, 4.3816



44.7607, 0.5023, 27.5901



8.4216, -0.7188, 5.1768



# Inverse Universe

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



21.5077, 34.2473, -100.8110



28.3105, 47.4139, -137.7387



19.4521, 49.6271, -113.9253



29.1955, -1.0262, -1.3332



18.5133, 28.4750, -84.6093

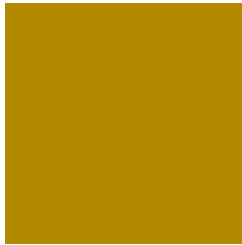


4.4083, 2.0803, -10.0008



# Previews

## White Background



This preview shows how the HunterLab color 52.4634, 0.8015, 32.3417 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

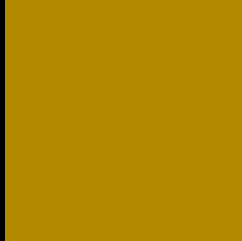
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 52.4634, 0.8015, 32.3417 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 52.4634, 0.8015, 32.3417 Background



This preview shows how black text looks on a background with the HunterLab color 52.4634, 0.8015, 32.3417.



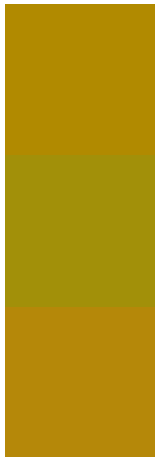
This preview shows how white text looks on a background with the HunterLab color 52.4634, 0.8015,



# 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

52.4634, 0.8015, 32.3417

### Protanopia

52.5810, -7.4096, 31.9790

### Deuteranopia

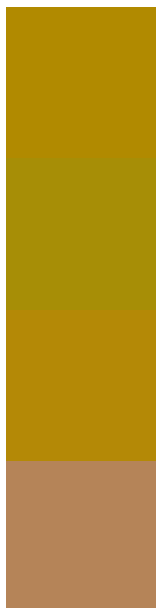
52.3945, 3.3932, 32.0522



## Tritanopia

52.4058, 17.5368, 5.3959

# Trichromacy



## Original Color

52.4634, 0.8015, 32.3417

## Protanomaly

52.5116, -4.7309, 32.0800

## Deuteranomaly

52.5431, 2.4952, 32.2261

## Tritanomaly

51.9912, 8.8164, 21.6625

# Monochromacy



## Original Color

52.4634, 0.8015, 32.3417

## Achromatopsia

48.8260, -2.6052, 2.6528

## Achromatomaly

49.4650, -3.9938, 20.1088

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.4634, 0.8015, 32.3417 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(177, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(177, 138, 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(177, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 138, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.4634, 0.8015, 32.3417 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(177, 138, 0) }
```



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

```
.border{ border-color:rgb(177, 138, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 138, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(177, 138,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.4634, 0.8015, 32.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 138, 0) }
```

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

```
.background{ background-color: rgb(177,  
138, 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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