

# Converting Colors

HunterLab(52.3569, -0.5342,  
32.3032)

Have a look what the booklet for  
HunterLab(52.3569, -0.5342,  
32.3032) contains.

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# Color

**HunterLab(52.4060, -0.8080,  
32.2782)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE8B00
RGB	174, 139, 0
RGB Percent	68%, 55%, 0%
CMY	0.3176, 0.4549, 1.0000
CMYK	0.00, 0.20, 1.00, 0.32
HSL	48°, 100%, 34%
HSV	48°, 100%, 68%
XYZ	26.6882, 27.4639, 3.8944
YIQ	133.6190, 65.4790, -35.8090

# Conversions

## Conversions Part 2

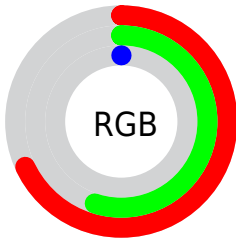
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 174, 0
Decimal	11438848
CIELab	59.40, 2.41, 64.11
CIElCh	59, 64.151, 87.851
Yxy	27.4652, 0.4598, 0.4731
Android (android.graphics.Color)	4289628928 (0xFFAE8B00)
YUV	133.6190, -65.8742, 35.4141
Hunter-Lab	52.4060, -0.8080, 32.2782

# Details

The HunterLab color  $52.4060, -0.8080, 32.2782$  is a dark color, and the websafe version is hex  $CC9900$ . A complement of this color would be  $20.6358, 35.1738, -101.7214$ , and the grayscale version is  $48.9106, -2.6097, 2.6574$ .

A 20% lighter version of the original color is  $74.5881, -1.5704, 41.3274$ , and  $33.3080, 0.6194, 20.5351$  is the 20% darker color. If you saturate the color by 10%, you get  $52.4067, -0.8095, 32.2786$ , and if you desaturate by 10%, it is  $53.4199, -2.2362, 32.2705$ .

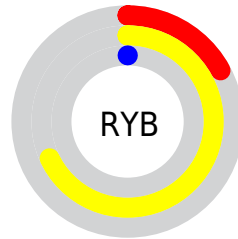
# Distribution



Red (68%)

Green (55%)

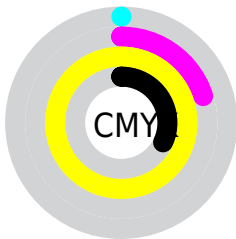
Blue (0%)



Red (17%)

Yellow (68%)

Blue (0%)

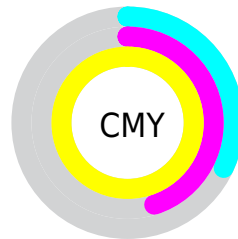


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (45%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.4060, -0.8080, 32.2782 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 52.4060, -0.8080, 32.2782 by changing the saturation by 10% instead.



■ 52.4060, -0.8080,  
32.2782

■ 52.4060, -0.8080,  
32.2782

■ 170.2653, -6.1604,  
67.9795

■ 42.3355, -0.4069,  
27.4390

■ 74.5852, -1.7501,  
41.2660

■ 33.0071, -0.0537,  
22.6240

■ 86.6143, -2.2798,  
45.4686

■ 24.4868, 0.2429,  
17.1408

■ 99.2284, -2.8459,  
49.5115

■ 16.8603, 0.4736,  
11.8022

■ 112.4016, -3.4463,  
53.4163

■ 10.2477, 0.6238,  
7.1734

■ 126.1110, -4.0794,  
57.2012

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 140.3366, -4.7437,

60.8817

0.0000, NaN, NaN

155.0601, -5.4377,  
64.4708

0.0000, NaN, NaN

52.4060, -0.8080,  
32.2782

52.4060, -0.8080,  
32.2782

52.4067, -0.8095,  
32.2786

53.4199, -2.2362,  
32.2705

54.4774, -3.4747,  
31.7933

55.5905, -4.4627,  
30.6850

56.7622, -5.1802,  
28.9007

57.9940, -5.6152,  
26.4168

■ 59.2866, -5.7613,  
23.2244

■ 60.6401, -5.6167,  
19.3257

■ 62.0540, -5.1833,  
14.7317

■ 63.5276, -4.4657,  
9.4595

# Harmonies

## Analogous

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



52.4073, 28.2621, 30.0082



52.4060, -0.8080, 32.2782



52.4073, -25.1973, 30.6247

# Triad

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



52.4073, -0.8104, 32.2786



52.4073, -41.6985, -26.3537



52.4073, 49.6418, -31.4082

# Complementary

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



52.4060, -0.8080, 32.2782



20.6358, 35.1738, -101.7214

# 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.



52.4073, 24.1352, -63.5593



52.4060, -0.8080, 32.2782



52.4073, -27.9754, -59.7350

# Square

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



52.4073, -0.8104, 32.2786



52.4073, -45.7164, 4.6960



52.4073, -4.7586, -75.9314



52.4073, 60.8727, 0.9398



# Rectangle

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



52.4060, -0.8080, 32.2782



52.4073, -36.3999, 26.5611



52.4073, -4.7586, -75.9314



52.4073, 42.2261, -43.1140

# Sweetspot

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



52.4073, -0.8104, 32.2786



81.5712, -7.5850, 26.3344



30.2273, 52.2200, 15.9916



38.0973, -3.6321, 13.4826



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.



52.4073, -0.8104, 32.2786



70.3520, -0.6981, 43.3384



58.8298, -31.4972, 35.6989



30.0872, -2.0831, 4.2885



44.7275, -0.8509, 27.5460



7.9063, -0.8775, 4.8564



# Inverse Universe

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



20.6358, 35.1738, -101.7214



27.3309, 48.9710, -139.8755



19.2791, 48.8637, -110.4147



28.2992, -0.9265, -1.3353



17.7716, 29.2871, -85.4354

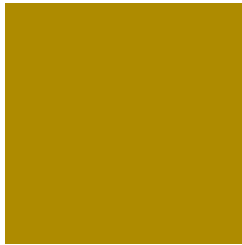


4.0233, 2.0215, -9.3927



# Previews

## White Background



This preview shows how the HunterLab color 52.4060, -0.8080, 32.2782 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

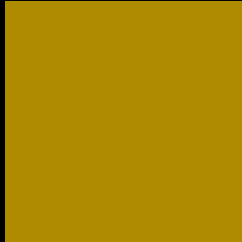
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 52.4060, -0.8080, 32.2782 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 52.4060, -0.8080, 32.2782 Background



This preview shows how black text looks on a background with the HunterLab color 52.4060, -0.8080, 32.2782.



This preview shows how white text looks on a background with the HunterLab color 52.4060, -0.8080,



# 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

52.4060, -0.8080, 32.2782

### Protanopia

52.5789, -7.4212, 32.0099

### Deuteranopia

52.4010, 3.4281, 31.9557



## Tritanopia

52.3339, 16.0825, 4.8567

# Trichromacy



## Original Color

52.4060, -0.8080, 32.2782

## Protanomaly

52.4061, -5.1063, 32.0405

## Deuteranomaly

52.3200, 1.7485, 32.0096

## Tritanomaly

51.9082, 7.1966, 21.5661

# Monochromacy



## Original Color

52.4060, -0.8080, 32.2782

## Achromatopsia

48.8260, -2.6052, 2.6528

## Achromatomaly

49.6525, -4.7888, 20.2494

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 52.4060, -0.8080, 32.2782 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(174, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(174, 139, 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(174, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 139, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 52.4060, -0.8080, 32.2782 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(174, 139, 0) }
```



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

```
.border{ border-color:rgb(174, 139, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 139, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(174, 139,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 52.4060, -0.8080, 32.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 139, 0) }
```

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

```
.background{ background-color: rgb(174,  
139, 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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