

# Converting Colors

HunterLab(59.1312, -12.5850,  
36.2161)

Have a look what the booklet for  
HunterLab(59.1312, -12.5850,  
36.2161) contains.

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# Color

**HunterLab(59.1312,  
-12.5850, 36.2161)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACA300
RGB	172, 163, 0
RGB Percent	67%, 64%, 0%
CMY	0.3255, 0.3608, 0.9999
CMYK	0.00, 0.05, 1.00, 0.33
HSL	57°, 100%, 34%
HSV	57°, 100%, 67%
XYZ	30.1104, 34.9650, 5.1619
YIQ	147.1090, 57.6870, -48.7850

# Conversions

## Conversions Part 2

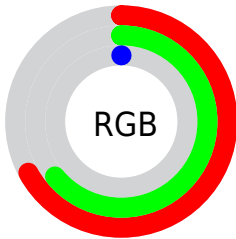
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	9, 172, 0
Decimal	11313920
CIE Lab	65.72, -11.40, 68.51
CIE LCh	66, 69.455, 99.447
Yxy	34.9666, 0.4287, 0.4978
Android (android.graphics.Color)	4289504000 (0xFFACA300)
YUV	147.1090, -72.5247, 21.8294
Hunter-Lab	59.1312, -12.5850, 36.2161

# Details

The HunterLab color **59.1312, -12.5850, 36.2161** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17.8162, 44.4076, -118.1293**, and the grayscale version is **54.3275, -2.8988, 2.9517**.

A 20% lighter version of the original color is **82.2434, -15.2297, 45.6126**, and **39.0297, -9.4674, 23.8842** is the 20% darker color. If you saturate the color by 10%, you get **59.1324, -12.5870, 36.2167**, and if you desaturate by 10%, it is **59.4377, -12.7975, 35.8634**.

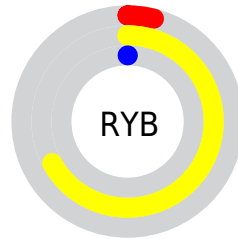
# Distribution



Red (67%)

Green (64%)

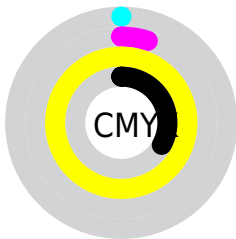
Blue (0%)



Red (4%)

Yellow (67%)

Blue (0%)

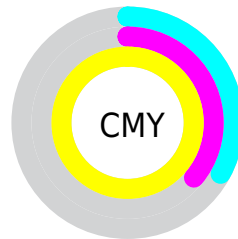


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.1312, -12.5850, 36.2161 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 59.1312, -12.5850, 36.2161 by changing the saturation by 10% instead.



■ 59.1312, -12.5850,  
36.2161

■ 59.1312, -12.5850,  
36.2161

180.1169,  
-23.5239, 73.2876

■ 48.6181, -11.3897,  
31.2491

■ 82.1183, -14.9734,  
45.4882

■ 38.8133, -10.1808,  
26.0673

■ 94.5203, -16.1701,  
49.8424

■ 29.7738, -8.9500,  
20.8417

■ 107.4906,  
-17.3727, 54.0403

■ 21.5711, -7.6802,  
15.0997

■ 121.0052,  
-18.5830, 58.1016

■ 14.3011, -6.3407,  
10.0107

■ 135.0430,  
-19.8023, 62.0435

■ 7.9595, -6.6664,  
5.5717

■ 149.5853,

0.0000, NaN, NaN

-21.0318, 65.8805

0.0000, NaN, NaN

164.6150,  
-22.2721, 69.6250

0.0000, NaN, NaN

59.1312, -12.5850,  
36.2161

59.1312, -12.5850,  
36.2161

59.1324, -12.5870,  
36.2167

59.4377, -12.7975,  
35.8634

59.7729, -12.8406,  
35.0747

60.1496, -12.6530,  
33.6849

60.5723, -12.2092,  
31.6294

61.0447, -11.4905,  
28.8606

■ 61.5695, -10.4828,  
25.3445

■ 62.1489, -9.1767,  
21.0578

■ 62.7847, -7.5662,  
15.9875

■ 63.4780, -5.6490,  
10.1287

# Harmonies

## Analogous

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



59.1326, 19.1509, 35.4338



59.1312, -12.5850, 36.2161



59.1326, -36.3372, 32.3235

# Triad

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



59.1326, -12.5872, 36.2165



59.1326, -42.3609, -45.0557



59.1326, 63.2986, -20.2274

# Complementary

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



59.1312, -12.5850, 36.2161



17.8162, 44.4076, -118.1293

# 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.



59.1326, 39.4678, -59.0733



59.1312, -12.5850, 36.2161



59.1326, -22.5832, -77.7916

# Square

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



59.1326, -12.5872, 36.2165



59.1326, -51.0497, -6.8173



59.1326, 6.9011, -83.9343



59.1326, 67.5047, 11.7553



# Rectangle

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



59.1312, -12.5850, 36.2161



59.1326, -46.0766, 25.3251



59.1326, 6.9011, -83.9343



59.1326, 57.1151, -33.2688

# Sweetspot

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



59.1326, -12.5872, 36.2165



83.6645, -12.4666, 28.7049



29.6583, 50.8735, 18.5035



38.8510, -6.1642, 14.5257



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912



# Same Dimension

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



59.1326, -12.5872, 36.2165



79.5808, -16.8557, 48.7422



56.6323, -36.9110, 34.2500



30.4259, -2.6374, 4.6456



51.0356, -10.8957, 31.2572



8.6364, -2.0025, 5.2866



# Inverse Universe

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



17.8162, 44.4076, -118.1293



23.7910, 60.6830, -160.7339



21.1097, 50.2569, -95.7326



27.9677, -0.3656, -1.7521



15.4510, 37.9644, -101.2666

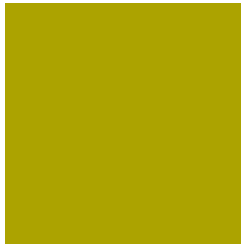


2.9617, 4.8929, -14.2643



# Previews

## White Background



This preview shows how the HunterLab color 59.1312, -12.5850, 36.2161 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 59.1312, -12.5850, 36.2161 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 59.1312, -12.5850, 36.2161 Background



This preview shows how black text looks on a background with the HunterLab color 59.1312, -12.5850, 36.2161.



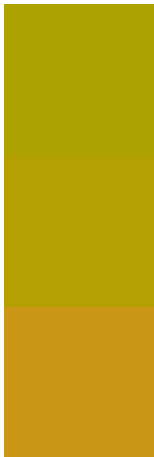
This preview shows how white text looks on a background with the HunterLab color 59.1312, -12.5850, 36.2161.

-12.5850, 36.2161.

# 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

59.1312, -12.5850, 36.2161

### Protanopia

59.0296, -8.3716, 36.2272

### Deuteranopia

58.9505, 4.5666, 35.5897



## Tritanopia

58.9259, 8.8667, 1.6007

# Trichromacy



## Original Color

59.1312, -12.5850, 36.2161

## Protanomaly

59.0227, -9.9118, 36.1960

## Deuteranomaly

58.7823, -1.7691, 35.7345

## Tritanomaly

58.2298, -2.0298, 22.5103

# Monochromacy



## Original Color

59.1312, -12.5850, 36.2161

## Achromatopsia

54.0158, -2.8821, 2.9348

## Achromatomaly

55.3702, -9.4633, 22.6138

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.1312, -12.5850, 36.2161 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(172, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(172, 163, 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(172, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 163, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.1312, -12.5850, 36.2161 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(172, 163, 0) }
```



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

```
.border{ border-color:rgb(172, 163, 0) }
```

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

Here you see how a box with a 4 pixel rgb(172, 163, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(172, 163,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.1312, -12.5850, 36.2161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 163, 0) }
```

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

```
.background{ background-color: rgb(172,  
163, 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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