

Converting Colors

HunterLab(60.0329, -3.9210,
36.9233)

Have a look what the booklet for
HunterLab(60.0329, -3.9210,
36.9233) contains.

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Color

**HunterLab(59.8938, -3.8304,
36.8392)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9F00
RGB	191, 159, 0
RGB Percent	75%, 62%, 0%
CMY	0.2510, 0.3764, 0.9999
CMYK	0.00, 0.17, 1.00, 0.25
HSL	50°, 100%, 37%
HSV	50°, 100%, 75%
XYZ	33.8840, 35.8727, 5.1383
YIQ	150.4420, 70.1110, -42.6650

Conversions

Conversions Part 2

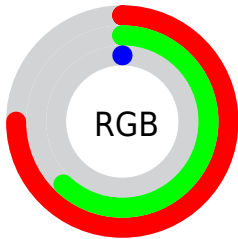
Format	Color
R_{YB}	38, 191, 0
Decimal	12558080
CIE _{Lab}	66.42, -0.74, 69.83
CIE _{LCh}	66, 69.837, 90.607
Yxy	35.8744, 0.4524, 0.4790
Android (android.graphics.Color)	4290748160 (0xFFBF9F00)
YUV	150.4420, -74.1679, 35.5694
Hunter-Lab	59.8938, -3.8304, 36.8392

Details

The HunterLab color **59.8938, -3.8304, 36.8392** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **21.8979, 42.5482, -119.2174**, and the grayscale version is **55.6763, -2.9707, 3.0250**.

A 20% lighter version of the original color is **82.8286, -5.1993, 46.1827**, and **39.6379, -1.6580, 24.3957** is the 20% darker color. If you saturate the color by 10%, you get **59.8945, -3.8320, 36.8396**, and if you desaturate by 10%, it is **60.8577, -5.1321, 36.8052**.

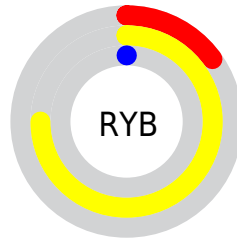
Distribution



Red (75%)

Green (62%)

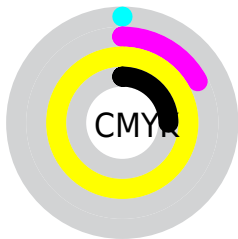
Blue (0%)



Red (15%)

Yellow (75%)

Blue (0%)

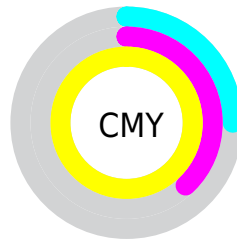


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.8938, -3.8304, 36.8392 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 59.8938, -3.8304, 36.8392 by changing the saturation by 10% instead.

■ 59.8938, -3.8304,
36.8392

■ 59.8938, -3.8304,
36.8392

181.2212,
-10.5971, 74.4588

■ 49.3328, -3.2290,
31.8061

■ 82.9688, -5.1384,
46.2433

■ 39.4765, -2.6598,
26.5617

■ 95.4115, -5.8368,
50.6619

■ 30.3813, -2.1277,
21.2669

■ 108.4207, -6.5640,
54.9225

■ 22.1171, -1.6352,
15.4820

■ 121.9726, -7.3189,
59.0450

■ 14.7778, -1.1856,
10.3445

■ 136.0464, -8.1004,
63.0463

■ 8.4330, -0.8330,
5.9031

■ 150.6234, -8.9079,

0.0000, NaN, NaN

66.9411

0.0000, NaN, NaN

165.6867, -9.7403,
70.7417

0.0000, NaN, NaN

59.8938, -3.8304,
36.8392

59.8938, -3.8304,
36.8392

59.8945, -3.8320,
36.8396

60.8577, -5.1321,
36.8052

61.8661, -6.2216,
36.2378

62.9315, -7.0362,
34.9691

64.0581, -7.5510,
32.9413

65.2482, -7.7504,
30.1203

■ 66.5034, -7.6250,
26.4886

■ 67.8243, -7.1706,
22.0424

■ 69.2112, -6.3873,
16.7876

■ 70.6637, -5.2784,
10.7387

Harmonies

Analogous

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



59.8953, 29.1403, 34.6967



59.8938, -3.8304, 36.8392



59.8953, -30.7583, 34.4973

Triad

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



59.8953, -3.8330, 36.8396



59.8953, -46.5415, -33.6320



59.8953, 58.4650, -32.0077

Complementary

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



59.8938, -3.8304, 36.8392



21.8979, 42.5482, -119.2174

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.



59.8953, 30.4676, -69.4801



59.8938, -3.8304, 36.8392



59.8953, -29.8637, -70.7082

Square

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



59.8953, -3.8330, 36.8396



59.8953, -52.1144, 2.6528



59.8953, -2.5625, -86.3406



59.8953, 69.2727, 3.8614

Rectangle

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



59.8938, -3.8304, 36.8392



59.8953, -42.8312, 29.3277



59.8953, -2.5625, -86.3406



59.8953, 50.5036, -45.3727

Sweetspot

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



59.8953, -3.8330, 36.8396



90.6813, -9.6358, 29.8113



33.4636, 57.6681, 18.8084



42.1359, -4.6581, 15.2119



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



59.8953, -3.8330, 36.8396



79.9617, -4.8068, 49.1879



64.8448, -36.6311, 39.3154



32.9257, -2.4176, 4.8023



48.6595, -3.2790, 29.9264



10.0041, -1.2536, 6.1426

Inverse Universe

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



21.8979, 42.5482, -119.2174



28.9020, 58.4328, -162.2647



21.7669, 54.5532, -119.8909



30.7843, -0.8623, -1.6004



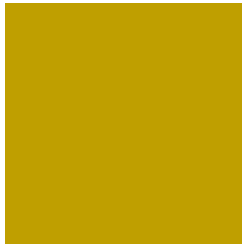
17.9793, 33.6687, -95.1536



4.5619, 3.6659, -13.6157

Previews

White Background



This preview shows how the HunterLab color 59.8938, -3.8304, 36.8392 looks on a white background.

Color Contrast Check

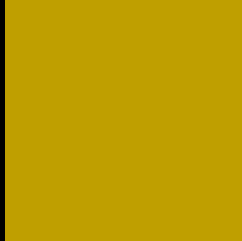
Large Text (above 18pt) WCAG AA × Fail

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 59.8938, -3.8304, 36.8392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

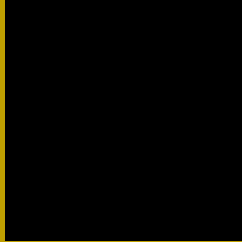
Any Text WCAG AA ✓ Pass

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 59.8938, -3.8304, 36.8392 Background



This preview shows how black text looks on a background with the HunterLab color 59.8938, -3.8304, 36.8392.



This preview shows how white text looks on a background with the HunterLab color 59.8938, -3.8304,

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

59.8938, -3.8304, 36.8392

Protanopia

59.9360, -8.1357, 36.5910

Deuteranopia

59.7137, 4.2702, 36.3833



Tritanopia

59.9686, 16.1035, 4.8046

Trichromacy



Original Color

59.8938, -3.8304, 36.8392

Protanomaly

59.9480, -6.5997, 36.7105

Deuteranomaly

59.6714, 1.2587, 36.5059

Tritanomaly

59.3855, 6.0966, 24.4077

Monochromacy



Original Color

59.8938, -3.8304, 36.8392

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

56.2210, -6.3957, 23.1137

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.8938, -3.8304, 36.8392 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(191, 159, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 159, 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(191, 159, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 159, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 59.8938, -3.8304, 36.8392 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(191, 159, 0) }
```


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

```
.border{ border-color:rgb(191, 159, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 159, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 159, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 159, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 159,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.8938, -3.8304, 36.8392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 159, 0) }
```

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

```
.background{ background-color: rgb(191,  
159, 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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