

Converting Colors

HunterLab(52.2639, 3.5209,
32.2664)

Have a look what the booklet for
HunterLab(52.2639, 3.5209,
32.2664) contains.

HunterLab(52.3756, 3.2923, 32.3313)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(52.3756, 3.2923,
32.3313)**

Conversions

Conversions Part 1

Format	Color
Hex	B58800
RGB	181, 136, 0
RGB Percent	71%, 53%, 0%
CMY	0.2902, 0.4666, 1.0000
CMYK	0.00, 0.25, 1.00, 0.29
HSL	45°, 100%, 35%
HSV	45°, 100%, 71%
XYZ	27.8602, 27.4320, 3.8265
YIQ	133.9510, 70.4760, -32.7560

Conversions

Conversions Part 2

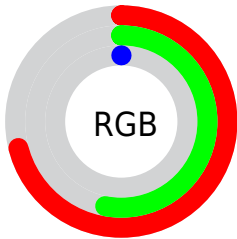
Format	Color
RYB	60, 181, 0
Decimal	11896832
CIELab	59.37, 7.26, 64.44
CIELCh	59, 64.848, 83.576
Yxy	27.4334, 0.4712, 0.4640
Android (android.graphics.Color)	4290086912 (0xFFB58800)
YUV	133.9510, -66.0378, 41.2620
Hunter-Lab	52.3756, 3.2923, 32.3313

Details

The HunterLab color **52.3756, 3.2923, 32.3313** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **22.8324, 32.5850, -98.8788**, and the grayscale version is **49.0412, -2.6167, 2.6645**.

A 20% lighter version of the original color is **74.5239, 2.7055, 41.3588**, and **33.2074, 4.1145, 20.5343** is the 20% darker color. If you saturate the color by 10%, you get **52.3763, 3.2906, 32.3317**, and if you desaturate by 10%, it is **53.6392, 1.3658, 32.4385**.

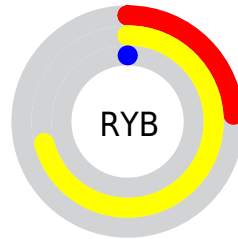
Distribution



Red (71%)

Green (53%)

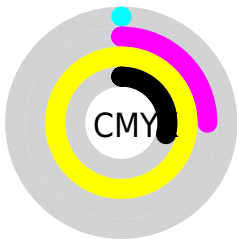
Blue (0%)



Red (24%)

Yellow (71%)

Blue (0%)

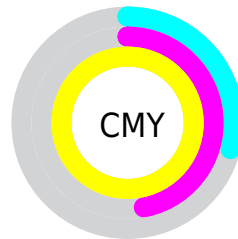


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.3756, 3.2923, 32.3313 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 52.3756, 3.2923, 32.3313 by changing the saturation by 10% instead.

■ 52.3756, 3.2923,
32.3313

■ 52.3756, 3.2923,
32.3313

170.2203, -0.1833,
68.2020

■ 42.3072, 3.4286,
27.4696

■ 74.5510, 2.8338,
41.3628

■ 32.9810, 3.4978,
22.6538

■ 86.5783, 2.5279,
45.5858

■ 24.4633, 3.4859,
17.1243

■ 99.1908, 2.1756,
49.6483

■ 16.8394, 3.3761,
11.7876

■ 112.3624, 1.7802,
53.5718

■ 10.2301, 3.1419,
7.1611

■ 126.0703, 1.3445,
57.3746

0.0000, INF, NaN

0.0000, NaN, NaN

■ 140.2944, 0.8707,

61.0722

0.0000, NaN, NaN

155.0165, 0.3608,
64.6776

0.0000, NaN, NaN

52.3756, 3.2923,
32.3313

52.3756, 3.2923,
32.3313

52.3763, 3.2906,
32.3317

53.6392, 1.3658,
32.4385

54.9585, -0.3527,
32.0404

56.3450, -1.8018,
30.9755

57.8007, -2.9617,
29.2040

59.3264, -3.8218,
26.7092

■ 60.9219, -4.3779,
23.4901

■ 62.5861, -4.6307,
19.5575

■ 64.3179, -4.5846,
14.9297

■ 66.1154, -4.2469,
9.6313

Harmonies

Analogous

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



52.3769, 32.6891, 29.4158



52.3756, 3.2923, 32.3313



52.3769, -22.4265, 31.2609

Triad

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



52.3769, 3.2897, 32.3317



52.3769, -43.1893, -21.7045



52.3769, 47.2638, -36.9881

Complementary

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



52.3756, 3.2923, 32.3313



22.8324, 32.5850, -98.8788

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.



52.3769, 20.2297, -67.9951



52.3756, 3.2923, 32.3313



52.3769, -30.7954, -56.4220

Square

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



52.3769, 3.2897, 32.3317



52.3769, -45.8800, 8.2039



52.3769, -8.6189, -76.5153



52.3769, 61.2614, -3.1343

Rectangle

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



52.3756, 3.2923, 32.3313



52.3769, -34.6618, 27.8626



52.3769, -8.6189, -76.5153



52.3769, 39.1603, -48.6743

Sweetspot

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



52.3769, 3.2897, 32.3317



83.6430, -6.1898, 26.4621



31.6469, 54.7998, 15.7603



38.4524, -2.8313, 13.3608



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



52.3769, 3.2897, 32.3317



69.8242, 4.8849, 43.1108



61.8554, -31.3795, 37.5654



30.8896, -1.9648, 4.3113



43.6184, 2.5003, 26.9212



8.2722, -0.4732, 5.0890

Inverse Universe

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



22.8324, 32.5850, -98.8788



30.0561, 45.1974, -135.1357



19.7486, 50.7104, -118.1883



29.2610, -1.1361, -1.2516



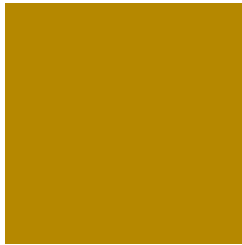
19.2053, 26.2837, -80.7438



4.5824, 1.7084, -9.4155

Previews

White Background



This preview shows how the HunterLab color 52.3756, 3.2923, 32.3313 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 52.3756, 3.2923, 32.3313 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 52.3756, 3.2923, 32.3313 Background



This preview shows how black text looks on a background with the HunterLab color 52.3756, 3.2923, 32.3313.



This preview shows how white text looks on a background with the HunterLab color 52.3756, 3.2923,

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

52.3756, 3.2923, 32.3313

Protanopia

52.5831, -7.3980, 31.9482

Deuteranopia

52.3819, 3.3259, 32.2382



Tritanopia

52.3361, 19.7485, 6.2075

Trichromacy



Original Color

52.3756, 3.2923, 32.3313

Protanomaly

52.4385, -3.5361, 32.0556

Deuteranomaly

52.3798, 3.3147, 32.2692

Tritanomaly

51.9304, 11.2455, 21.9015

Monochromacy



Original Color

52.3756, 3.2923, 32.3313

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

49.5612, -3.6568, 20.1940

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.3756, 3.2923, 32.3313 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(181, 136, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 136, 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(181, 136, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 136, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 52.3756, 3.2923, 32.3313 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(181, 136, 0) }
```


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

```
.border{ border-color:rgb(181, 136, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 136, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 136, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 136, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 136,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.3756, 3.2923, 32.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 136, 0) }
```

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

```
.background{ background-color: rgb(181,  
136, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor