

Converting Colors

HunterLab(52.2651, -0.9054,
32.1886)

Have a look what the booklet for
HunterLab(52.2651, -0.9054,
32.1886) contains.

HunterLab(52.2967, -1.1844, 32.2043)	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(52.2967, -1.1844,
32.2043)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8B00
RGB	173, 139, 0
RGB Percent	68%, 55%, 0%
CMY	0.3216, 0.4549, 1.0000
CMYK	0.00, 0.20, 1.00, 0.32
HSL	48°, 100%, 34%
HSV	48°, 100%, 68%
XYZ	26.4662, 27.3494, 3.8840
YIQ	133.3200, 64.8830, -36.0210

Conversions

Conversions Part 2

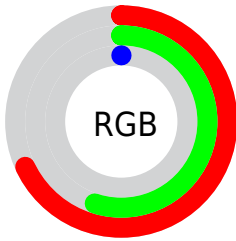
Format	Color
R _Y B	42, 173, 0
Decimal	11373312
CIE Lab	59.30, 1.95, 63.98
CIE LCh	59, 64.013, 88.257
Yxy	27.3508, 0.4587, 0.4740
Android (android.graphics.Color)	4289563392 (0xFFAD8B00)
YUV	133.3200, -65.7268, 34.7994
Hunter-Lab	52.2967, -1.1844, 32.2043

Details

The HunterLab color **52.2967, -1.1844, 32.2043** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **20.3996, 35.3085, -101.7171**, and the grayscale version is **48.7918, -2.6034, 2.6509**.

A 20% lighter version of the original color is **74.4749, -1.9609, 41.2438**, and **33.2044, 0.2660, 20.4651** is the 20% darker color. If you saturate the color by 10%, you get **52.2975, -1.1860, 32.2047**, and if you desaturate by 10%, it is **53.2843, -2.5631, 32.1844**.

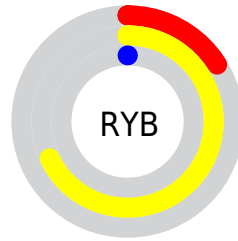
Distribution



Red (68%)

Green (55%)

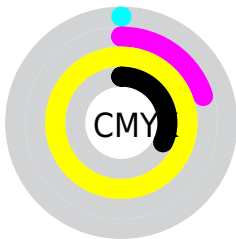
Blue (0%)



Red (16%)

Yellow (68%)

Blue (0%)

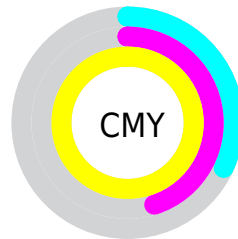


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.2967, -1.1844, 32.2043 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 52.2967, -1.1844, 32.2043 by changing the saturation by 10% instead.

52.2967, -1.1844,
32.2043

52.2967, -1.1844,
32.2043

170.1034, -6.7129,
67.8584

42.2337, -0.7583,
27.3705

74.4622, -2.1721,
41.1811

32.9134, -0.3782,
22.5645

86.4850, -2.7227,
45.3783

24.4020, -0.0523,
17.0814

99.0931, -3.3088,
49.4157

16.7854, 0.2109,
11.7498

112.2606, -3.9285,
53.3152

10.1843, 0.3983,
7.1290

125.9645, -4.5801,
57.0950

0.0000, NaN, NaN

0.0000, NaN, NaN

140.1848, -5.2622,

60.7704

0.0000, NaN, NaN

154.9031, -5.9735,
64.3545

0.0000, NaN, NaN

52.2967, -1.1844,
32.2043

52.2967, -1.1844,
32.2043

52.2975, -1.1860,
32.2047

53.2843, -2.5631,
32.1844

54.3145, -3.7545,
31.6999

55.3992, -4.6977,
30.5890

56.5414, -5.3728,
28.8068

57.7427, -5.7676,
26.3291

■ 59.0040, -5.8755,
23.1461

■ 60.3254, -5.6947,
19.2595

■ 61.7065, -5.2266,
14.6793

■ 63.1465, -4.4757,
9.4220

Harmonies

Analogous

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



52.2980, 27.7927, 29.9981



52.2967, -1.1844, 32.2043



52.2980, -25.3996, 30.4972

Triad

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



52.2980, -1.1868, 32.2047



52.2980, -41.4684, -26.7458



52.2980, 49.7607, -30.8336

Complementary

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



52.2967, -1.1844, 32.2043



20.3996, 35.3085, -101.7171

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.



52.2980, 24.4546, -63.0155



52.2967, -1.1844, 32.2043



52.2980, -27.6471, -59.9228

Square

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



52.2980, -1.1868, 32.2047



52.2980, -45.6037, 4.3432



52.2980, -4.3806, -75.7160



52.2980, 60.7072, 1.3047

Rectangle

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



52.2967, -1.1844, 32.2043



52.2980, -36.4836, 26.3762



52.2980, -4.3806, -75.7160



52.2980, 42.4263, -42.5143

Sweetspot

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



52.2980, -1.1868, 32.2047



80.6361, -7.6435, 26.0733



30.0056, 51.7806, 16.3139



37.2516, -3.6270, 13.1850



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.



52.2980, -1.1868, 32.2047



69.7683, -1.2145, 42.9696



58.2746, -32.0105, 35.3479



30.0977, -2.1003, 4.2996



44.9150, -1.1683, 27.6560



7.9283, -0.9129, 4.8694

Inverse Universe

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



20.3996, 35.3085, -101.7171



26.8555, 48.8028, -138.9183



19.3517, 48.7282, -108.3500



28.2889, -0.9091, -1.3482



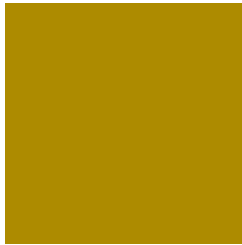
17.6726, 29.6213, -86.0331



3.9946, 2.0855, -9.4948

Previews

White Background



This preview shows how the HunterLab color 52.2967, -1.1844, 32.2043 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 52.2967, -1.1844, 32.2043 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 52.2967, -1.1844, 32.2043 Background



This preview shows how black text looks on a background with the HunterLab color 52.2967, -1.1844, 32.2043.

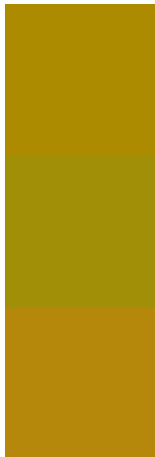


This preview shows how white text looks on a background with the HunterLab color 52.2967, -1.1844,

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

52.2967, -1.1844, 32.2043

Protanopia

52.1915, -7.3230, 31.7710

Deuteranopia

52.4010, 3.4281, 31.9557



Tritanopia

52.2187, 15.7230, 4.7183

Trichromacy



Original Color

52.2967, -1.1844, 32.2043

Protanomaly

52.3032, -5.4688, 31.9705

Deuteranomaly

52.3200, 1.7485, 32.0096

Tritanomaly

51.7945, 6.8227, 21.4664

Monochromacy



Original Color

52.2967, -1.1844, 32.2043

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

49.2745, -4.6631, 19.9398

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.2967, -1.1844, 32.2043 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(173, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 139, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 52.2967, -1.1844, 32.2043 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(173, 139, 0) }
```


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

```
.border{ border-color:rgb(173, 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(173, 139, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 139,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.2967, -1.1844, 32.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 139, 0) }
```

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

```
.background{ background-color: rgb(173,  
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](#).

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