

Converting Colors

HunterLab(51.6014, -1.9682,
36.1210)

Have a look what the booklet for
HunterLab(51.6014, -1.9682,
36.1210) contains.

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Color

**HunterLab(51.7451, -0.2460,
31.8808)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8900
RGB	173, 137, 0
RGB Percent	68%, 54%, 0%
CMY	0.3216, 0.4627, 1.0000
CMYK	0.00, 0.21, 1.00, 0.32
HSL	48°, 100%, 34%
HSV	48°, 100%, 68%
XYZ	26.1792, 26.7756, 3.7884
YIQ	132.1460, 65.4330, -34.9750

Conversions

Conversions Part 2

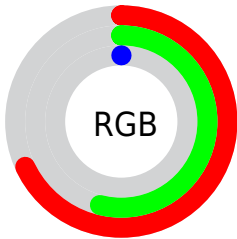
Format	Color
R_{YB}	45, 173, 0
Decimal	11372800
CIE _{Lab}	58.77, 3.05, 63.61
CIE _{LCh}	59, 63.687, 87.256
Yxy	26.7769, 0.4614, 0.4719
Android (android.graphics.Color)	4289562880 (0xFFAD8900)
YUV	132.1460, -65.1480, 35.8290
Hunter-Lab	51.7451, -0.2460, 31.8808

Details

The HunterLab color **51.7451, -0.2460, 31.8808** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **20.6862, 34.3313, -99.9656**, and the grayscale version is **48.3252, -2.5785, 2.6256**.

A 20% lighter version of the original color is **73.8869, -0.9641, 40.8623**, and **32.6993, 1.1430, 20.1692** is the 20% darker color. If you saturate the color by 10%, you get **51.7458, -0.2475, 31.8812**, and if you desaturate by 10%, it is **52.7816, -1.7212, 31.8835**.

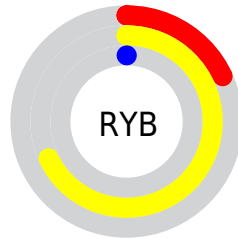
Distribution



Red (68%)

Green (54%)

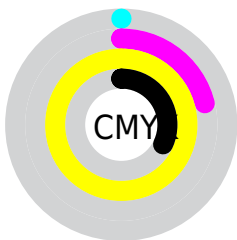
Blue (0%)



Red (18%)

Yellow (68%)

Blue (0%)

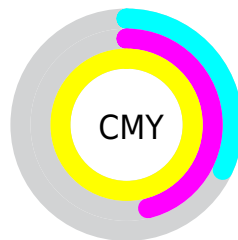


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7451, -0.2460, 31.8808 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 51.7451, -0.2460, 31.8808 by changing the saturation by 10% instead.

■ 51.7451, -0.2460,
31.8808

■ 51.7451, -0.2460,
31.8808

169.2853, -5.3267,
67.4178

■ 41.7202, 0.1163,
27.0578

■ 73.8415, -1.1176,
40.8334

■ 32.4410, 0.4276,
22.2965

■ 85.8324, -1.6148,
45.0175

■ 23.9747, 0.6782,
16.7823

■ 98.4101, -2.1499,
49.0417

■ 16.4085, 0.8576,
11.4859

■ 111.5485, -2.7207,
52.9278

■ 9.8657, 0.9486,
6.9060

■ 125.2245, -3.3254,
56.6942

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.4179, -3.9622,

60.3562

0.0000, NaN, NaN

154.1102, -4.6297,
63.9271

0.0000, NaN, NaN

51.7451, -0.2460,
31.8808

51.7451, -0.2460,
31.8808

51.7458, -0.2475,
31.8812

52.7816, -1.7212,
31.8835

53.8624, -3.0075,
31.4200

54.9996, -4.0441,
30.3290

56.1959, -4.8114,
28.5671

57.4526, -5.2978,
26.1121

■ 58.7704, -5.4974,
22.9565

■ 60.1493, -5.4088,
19.1036

■ 61.5886, -5.0341,
14.5653

■ 63.0874, -4.3784,
9.3595

Harmonies

Analogous

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



51.7464, 28.5047, 29.5530



51.7451, -0.2460, 31.8808



51.7464, -24.5079, 30.3304

Triad

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



51.7464, -0.2484, 31.8812



51.7464, -41.3805, -25.3752



51.7464, 48.6931, -31.7574

Complementary

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



51.7451, -0.2460, 31.8808



20.6862, 34.3313, -99.9656

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.



51.7464, 23.2947, -63.3586



51.7451, -0.2460, 31.8808



51.7464, -28.0140, -58.5291

Square

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



51.7464, -0.2484, 31.8812



51.7464, -45.1653, 5.1314



51.7464, -5.2321, -75.0578



51.7464, 60.1618, 0.3898

Rectangle

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



51.7451, -0.2460, 31.8808



51.7464, -35.7085, 26.4127



51.7464, -5.2321, -75.0578



51.7464, 41.2756, -43.3161

Sweetspot

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



51.7464, -0.2484, 31.8812



80.3963, -7.2544, 25.8623



30.0351, 51.8892, 15.8805



37.1251, -3.4221, 13.0776



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.



51.7464, -0.2484, 31.8812



69.0189, 0.0645, 42.5303



58.4559, -31.2910, 35.4722



30.0715, -2.0572, 4.2718



44.4467, -0.3733, 27.3813



7.8732, -0.8243, 4.8370

Inverse Universe

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



20.6862, 34.3313, -99.9656



27.2250, 47.5110, -136.5915



19.1595, 48.5552, -109.6863



28.3147, -0.9526, -1.3159



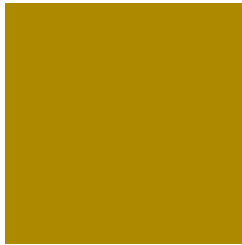
17.9234, 28.7797, -84.5299



4.0660, 1.9273, -9.2427

Previews

White Background



This preview shows how the HunterLab color 51.7451, -0.2460, 31.8808 looks on a white background.

Color Contrast Check

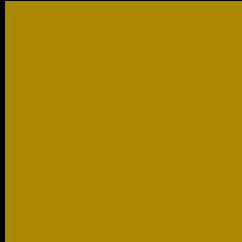
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.7451, -0.2460, 31.8808 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 51.7451, -0.2460, 31.8808 Background



This preview shows how black text looks on a background with the HunterLab color 51.7451, -0.2460, 31.8808.



This preview shows how white text looks on a background with the HunterLab color 51.7451, -0.2460,

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

51.7451, -0.2460, 31.8808

Protanopia

51.8046, -7.2250, 31.5323

Deuteranopia

51.6314, 3.5974, 31.5145



Tritanopia

51.6606, 16.4547, 4.9590

Trichromacy



Original Color

51.7451, -0.2460, 31.8808

Protanomaly

51.7363, -4.5511, 31.6355

Deuteranomaly

51.6628, 2.3036, 31.6440

Tritanomaly

51.2522, 7.7154, 21.2855

Monochromacy



Original Color

51.7451, -0.2460, 31.8808

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.8808, -4.6263, 19.8655

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7451, -0.2460, 31.8808 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, 137, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 137, 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, 137, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 137, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7451, -0.2460, 31.8808 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, 137, 0) }
```


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

```
.border{ border-color:rgb(173, 137, 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, 137, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 137, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 137, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 137,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7451, -0.2460, 31.8808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 137, 0) }
```

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

```
.background{ background-color: rgb(173,  
137, 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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