

Converting Colors

HunterLab(51.4830, 8.0591,
31.8647)

Have a look what the booklet for
HunterLab(51.4830, 8.0591,
31.8647) contains.

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Color

**HunterLab(51.3852, 8.1484,
31.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8200
RGB	186, 130, 0
RGB Percent	73%, 51%, 0%
CMY	0.2706, 0.4902, 1.0000
CMYK	0.00, 0.30, 1.00, 0.27
HSL	42°, 100%, 36%
HSV	42°, 100%, 73%
XYZ	28.2324, 26.4044, 3.6085
YIQ	131.9240, 75.1060, -28.5580

Conversions

Conversions Part 2

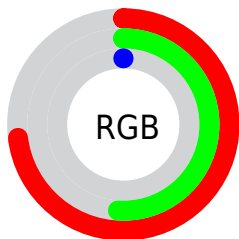
Format	Color
RYB	80, 186, 0
Decimal	12222976
CIELab	58.42, 12.84, 64.07
CIELCh	58, 65.339, 78.670
Yxy	26.4057, 0.4847, 0.4533
Android (android.graphics.Color)	4290413056 (0xFFBA8200)
YUV	131.9240, -65.0385, 47.4247
Hunter-Lab	51.3852, 8.1484, 31.8060

Details

The HunterLab color **51.3852, 8.1484, 31.8060** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **25.2464, 28.4824, -93.0399**, and the grayscale version is **48.2344, -2.5737, 2.6207**.

A 20% lighter version of the original color is **73.5329, 8.1438, 40.9135**, and **32.2442, 8.3138, 20.0143** is the 20% darker color. If you saturate the color by 10%, you get **51.3858, 8.1468, 31.8063**, and if you desaturate by 10%, it is **52.8980, 5.6660, 32.0236**.

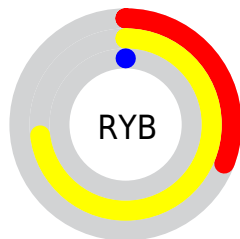
Distribution



Red (73%)

Green (51%)

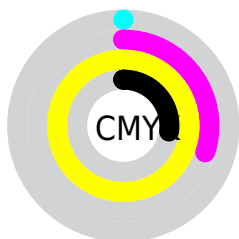
Blue (0%)



Red (31%)

Yellow (73%)

Blue (0%)

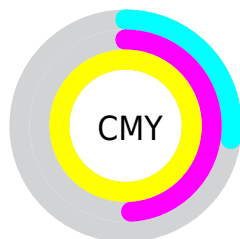


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (27%)



Cyan (27%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3852, 8.1484, 31.8060 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 51.3852, 8.1484, 31.8060 by changing the saturation by 10% instead.

51.3852, 8.1484,
31.8060

51.3852, 8.1484,
31.8060

168.7507, 6.8267,
67.6106

41.3853, 7.9840,
26.9448

73.4362, 8.2420,
40.8308

32.1331, 7.7322,
22.2125

85.4062, 8.1925,
45.0480

23.6965, 7.3743,
16.5875

97.9641, 8.0856,
49.1033

16.1634, 6.8879,
11.3144

111.0834, 7.9258,
53.0186

9.6591, 6.2401,
6.7614

124.7411, 7.7171,
56.8125

0.0000, INF, NaN

0.0000, NaN, NaN

138.9168, 7.4626,

60.5007

0.0000, NaN, NaN

153.5922, 7.1650,
64.0963

0.0000, NaN, NaN

51.3852, 8.1484,
31.8060

51.3852, 8.1484,
31.8060

51.3858, 8.1468,
31.8063

52.8980, 5.6660,
32.0236

54.4831, 3.4067,
31.7085

56.1510, 1.4334,
30.7004

57.9023, -0.2346,
28.9671

59.7365, -1.5884,
26.5011

■ 61.6517, -2.6262,
23.3113

■ 63.6458, -3.3515,
19.4175

■ 65.7161, -3.7717,
14.8470

■ 67.8597, -3.8968,
9.6312

Harmonies

Analogous

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



51.3865, 37.3817, 28.1554



51.3852, 8.1484, 31.8060



51.3865, -18.7110, 31.3711

Triad

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



51.3865, 8.1457, 31.8064



51.3865, -44.1023, -16.2144



51.3865, 43.6909, -43.1865

Complementary

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



51.3852, 8.1484, 31.8060



25.2464, 28.4824, -93.0399

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.



51.3865, 15.4458, -72.1007



51.3852, 8.1484, 31.8060



51.3865, -33.4060, -51.6649

Square

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



51.3865, 8.1457, 31.8064



51.3865, -45.2425, 11.7903



51.3865, -12.7973, -75.8333



51.3865, 60.6184, -8.1880

Rectangle

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



51.3852, 8.1484, 31.8060



51.3865, -31.9754, 28.7180



51.3865, -12.7973, -75.8333



51.3865, 34.9594, -54.5859

Sweetspot

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



51.3865, 8.1457, 31.8064



85.5505, -4.4731, 26.4269



32.7933, 57.1180, 13.7493



39.6076, -1.9246, 13.4881



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



51.3865, 8.1457, 31.8064



68.8594, 11.5736, 42.6335



64.6401, -28.9260, 39.3243



31.6773, -1.8143, 4.3140



42.3094, 6.3807, 26.1825



8.5678, 0.0796, 5.2809

Inverse Universe

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



25.2464, 28.4824, -93.0399



33.4394, 39.9283, -127.9900



19.7161, 51.7424, -126.6415



30.2466, -1.3781, -1.1442



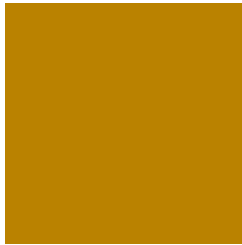
20.9869, 22.5753, -74.9655



5.1711, 1.3705, -9.4220

Previews

White Background



This preview shows how the HunterLab color 51.3852, 8.1484, 31.8060 looks on a white background.

Color Contrast Check

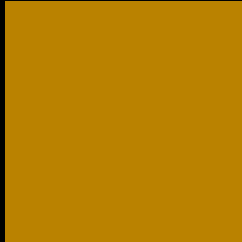
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.3852, 8.1484, 31.8060 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 51.3852, 8.1484, 31.8060 Background



This preview shows how black text looks on a background with the HunterLab color 51.3852, 8.1484, 31.8060.



This preview shows how white text looks on a background with the HunterLab color 51.3852, 8.1484,

31.8060.

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

51.3852, 8.1484, 31.8060

Protanopia

51.4269, -7.0784, 31.1641

Deuteranopia

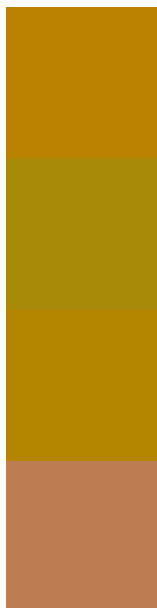
51.4929, 3.0849, 31.7837



Tritanopia

51.4713, 22.9974, 7.7918

Trichromacy



Original Color

51.3852, 8.1484, 31.8060

Protanomaly

51.3263, -1.6542, 31.3327

Deuteranomaly

51.5740, 4.7289, 31.8625

Tritanomaly

50.9774, 15.8506, 22.1715

Monochromacy



Original Color

51.3852, 8.1484, 31.8060

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.5264, -1.5484, 19.6267

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3852, 8.1484, 31.8060 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(186, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 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(186, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3852, 8.1484, 31.8060 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(186, 130, 0) }
```


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

```
.border{ border-color:rgb(186, 130, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 130, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3852, 8.1484, 31.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 130, 0) }
```

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

```
.background{ background-color: rgb(186,  
130, 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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