

Converting Colors

HunterLab(51.7330, 7.8493,
33.9972)

Have a look what the booklet for
HunterLab(51.7330, 7.8493,
33.9972) contains.

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Color

**HunterLab(51.8883, 8.4602,
32.1214)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8300
RGB	188, 131, 0
RGB Percent	74%, 51%, 0%
CMY	0.2627, 0.4863, 1.0000
CMYK	0.00, 0.30, 1.00, 0.26
HSL	42°, 100%, 37%
HSV	42°, 100%, 74%
XYZ	28.8553, 26.9240, 3.6760
YIQ	133.1090, 76.0230, -28.6570

Conversions

Conversions Part 2

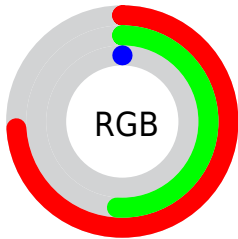
Format	Color
R_{YB}	82, 188, 0
Decimal	12354304
CIE _{Lab}	58.91, 13.18, 64.50
CIE _{LCh}	59, 65.837, 78.450
Yxy	26.9253, 0.4853, 0.4528
Android (android.graphics.Color)	4290544384 (0xFFBC8300)
YUV	133.1090, -65.6227, 48.1394
Hunter-Lab	51.8883, 8.4602, 32.1214

Details

The HunterLab color **51.8883, 8.4602, 32.1214** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **25.6078, 28.6593, -93.8733**, and the grayscale version is **48.7049, -2.5988, 2.6462**.

A 20% lighter version of the original color is **74.0610, 8.4518, 41.2767**, and **32.7135, 8.6140, 20.3087** is the 20% darker color. If you saturate the color by 10%, you get **51.8888, 8.4589, 32.1217**, and if you desaturate by 10%, it is **53.4277, 5.9238, 32.3513**.

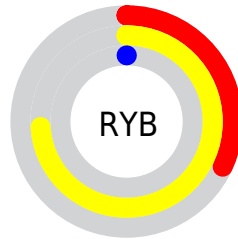
Distribution



Red (74%)

Green (51%)

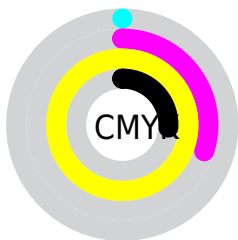
Blue (0%)



Red (32%)

Yellow (74%)

Blue (0%)

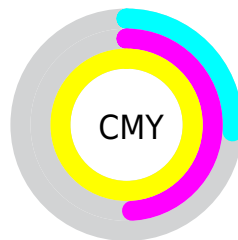


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8883, 8.4602, 32.1214 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 51.8883, 8.4602, 32.1214 by changing the saturation by 10% instead.

■ 51.8883, 8.4602,
32.1214

■ 51.8883, 8.4602,
32.1214

169.4979, 7.2443,
68.0820

■ 41.8535, 8.2821,
27.2439

■ 74.0027, 8.5799,
41.1809

■ 32.5636, 8.0161,
22.4668

■ 86.0019, 8.5427,
45.4158

■ 24.0856, 7.6438,
16.8599

■ 98.5876, 8.4478,
49.4889

■ 16.5062, 7.1428,
11.5543

■ 111.7335, 8.2998,
53.4218

■ 9.9482, 6.4809,
6.9638

■ 125.4168, 8.1024,
57.2332

0.0000, INF, NaN

0.0000, NaN, NaN

■ 139.6171, 7.8590,

60.9386

0.0000, NaN, NaN

154.3163, 7.5721,
64.5511

0.0000, NaN, NaN

51.8883, 8.4602,
32.1214

51.8883, 8.4602,
32.1214

51.8888, 8.4589,
32.1217

53.4277, 5.9238,
32.3513

55.0412, 3.6142,
32.0395

56.7393, 1.5946,
31.0256

58.5225, -0.1154,
29.2770

60.3900, -1.5068,
26.7865

■ 62.3402, -2.5779,
23.5635

■ 64.3707, -3.3322,
19.6284

■ 66.4787, -3.7775,
15.0091

■ 68.6614, -3.9239,
9.7378

Harmonies

Analogous

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



51.8896, 37.9976, 28.3974



51.8883, 8.4602, 32.1214



51.8896, -18.7392, 31.7092

Triad

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



51.8896, 8.4574, 32.1218



51.8896, -44.6133, -16.1454



51.8896, 43.9956, -43.9393

Complementary

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



51.8883, 8.4602, 32.1214



25.6078, 28.6593, -93.8733

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.



51.8896, 15.3961, -73.0612



51.8883, 8.4602, 32.1214



51.8896, -33.8783, -52.0024

Square

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



51.8896, 8.4574, 32.1218



51.8896, -45.6962, 12.0705



51.8896, -13.1199, -76.6116



51.8896, 61.2360, -8.5153

Rectangle

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



51.8883, 8.4602, 32.1214



51.8896, -32.1932, 29.0594



51.8896, -13.1199, -76.6116



51.8896, 35.1430, -55.4458

Sweetspot

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



51.8896, 8.4574, 32.1218



86.5203, -4.4455, 26.7098



33.1857, 57.7982, 13.9363



39.5825, -1.8827, 13.4664



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.



51.8896, 8.4574, 32.1218



69.5303, 11.9986, 43.0543



65.4145, -29.2807, 39.7952



32.5867, -1.8582, 4.4424



42.9736, 6.6836, 26.5971



9.1291, 0.1989, 5.6288

Inverse Universe

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



25.6078, 28.6593, -93.8733



33.9221, 40.1643, -129.1029



19.9481, 52.3594, -128.1993



31.1198, -1.4252, -1.1820



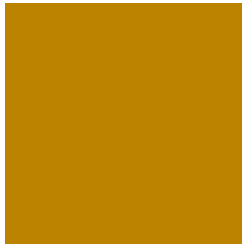
21.4020, 22.8836, -76.1497



5.4610, 1.6474, -10.3820

Previews

White Background



This preview shows how the HunterLab color 51.8883, 8.4602, 32.1214 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 51.8883, 8.4602, 32.1214 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 51.8883, 8.4602, 32.1214 Background



This preview shows how black text looks on a background with the HunterLab color 51.8883, 8.4602, 32.1214.



This preview shows how white text looks on a background with the HunterLab color 51.8883, 8.4602, 32.1214.

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

51.8883, 8.4602, 32.1214

Protanopia

52.1009, -7.6290, 31.5750

Deuteranopia

51.9916, 3.3822, 32.0962



Tritanopia

51.9876, 23.3728, 7.9548

Trichromacy



Original Color

51.8883, 8.4602, 32.1214

Protanomaly

51.9892, -2.2140, 31.7348

Deuteranomaly

52.0744, 5.0312, 32.1761

Tritanomaly

51.4764, 16.1400, 22.5763

Monochromacy



Original Color

51.8883, 8.4602, 32.1214

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.9190, -1.5824, 19.6996

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8883, 8.4602, 32.1214 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(188, 131, 0)` looks like.

```
.text, #text, p{  
    color:rgb(188, 131, 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(188, 131, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 131, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8883, 8.4602, 32.1214 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(188, 131, 0) }
```


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

```
.border{ border-color:rgb(188, 131, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 131, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 131, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 131, 0);  
box-shadow:4px 4px 4px 4px rgb(188, 131,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8883, 8.4602, 32.1214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 131, 0) }
```

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

```
.background{ background-color: rgb(188,  
131, 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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