

Converting Colors

HunterLab(51.8105, 3.1116,
31.9799)

Have a look what the booklet for
HunterLab(51.8105, 3.1116,
31.9799) contains.

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Color

**HunterLab(51.8764, 2.9950,
32.0185)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B38700 |
| RGB | 179, 135, 0 |
| RGB Percent | 70%, 53%, 0% |
| CMY | 0.2980, 0.4706, 1.0000 |
| CMYK | 0.00, 0.25, 1.00, 0.30 |
| HSL | 45°, 100%, 35% |
| HSV | 45°, 100%, 70% |
| XYZ | 27.2543, 26.9116, 3.7579 |
| YIQ | 132.7660, 69.5590, -32.6570 |

Conversions

Conversions Part 2

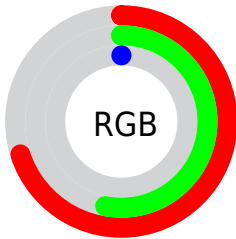
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 58, 179, 0 |
| Decimal | 11765504 |
| CIE Lab | 58.89, 6.90, 64.01 |
| CIE LCh | 59, 64.378, 83.849 |
| Yxy | 26.9129, 0.4705, 0.4646 |
| Android (android.graphics.Color) | 4289955584 (0xFFB38700) |
| YUV | 132.7660, -65.4536, 40.5472 |
| Hunter-Lab | 51.8764, 2.9950, 32.0185 |

Details

The HunterLab color **51.8764, 2.9950, 32.0185** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **22.4861, 32.3911, -98.0276**, and the grayscale version is **48.5702, -2.5916, 2.6389**.

A 20% lighter version of the original color is **73.9996, 2.4114, 40.9978**, and **32.7422, 3.8305, 20.2427** is the 20% darker color. If you saturate the color by 10%, you get **51.8772, 2.9933, 32.0189**, and if you desaturate by 10%, it is **53.1127, 1.1209, 32.1130**.

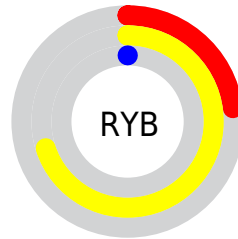
Distribution



Red (70%)

Green (53%)

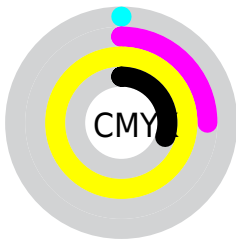
Blue (0%)



Red (23%)

Yellow (70%)

Blue (0%)

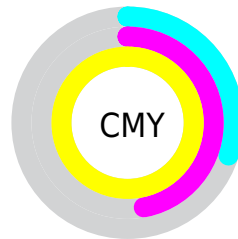


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8764, 2.9950, 32.0185 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 51.8764, 2.9950, 32.0185 by changing the saturation by 10% instead.

■ 51.8764, 2.9950,
32.0185

■ 51.8764, 2.9950,
32.0185

169.4802, -0.5991,
67.7347

■ 41.8424, 3.1475,
27.1730

■ 73.9893, 2.5066,
41.0156

■ 32.5534, 3.2337,
22.3989

■ 85.9878, 2.1866,
45.2211

■ 24.0763, 3.2397,
16.8534

■ 98.5728, 1.8209,
49.2659

■ 16.4981, 3.1492,
11.5486

■ 111.7181, 1.4125,
53.1719

■ 9.9414, 2.9353,
6.9590

■ 125.4008, 0.9642,
56.9574

0.0000, INF, NaN

0.0000, NaN, NaN

■ 139.6005, 0.4782,

60.6380

0.0000, NaN, NaN

154.2991, -0.0434,
64.2267

0.0000, NaN, NaN

51.8764, 2.9950,
32.0185

51.8764, 2.9950,
32.0185

51.8772, 2.9933,
32.0189

53.1127, 1.1209,
32.1130

54.4032, -0.5491,
31.7111

55.7593, -1.9535,
30.6516

57.1833, -3.0731,
28.8949

58.6757, -3.8972,
26.4241

■ 60.2366, -4.4215,
23.2379

■ 61.8650, -4.6466,
19.3463

■ 63.5597, -4.5768,
14.7672

■ 65.3190, -4.2189,
9.5244

Harmonies

Analogous

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



51.8777, 32.0899, 29.1731



51.8764, 2.9950, 32.0185



51.8777, -22.3912, 30.9225

Triad

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



51.8777, 2.9925, 32.0189



51.8777, -42.6814, -21.7868



51.8777, 46.9625, -36.2683

Complementary

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



51.8764, 2.9950, 32.0185



22.4861, 32.3911, -98.0276

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.



51.8777, 20.2831, -67.0564



51.8764, 2.9950, 32.0185



51.8777, -30.3229, -56.0912

Square

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



51.8777, 2.9925, 32.0189



51.8777, -45.4304, 7.9092



51.8777, -8.2931, -75.7451



51.8777, 60.6499, -2.8349

Rectangle

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



51.8764, 2.9950, 32.0185



51.8777, -34.4422, 27.5163



51.8777, -8.2931, -75.7451



51.8777, 38.9800, -47.8451

Sweetspot

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



51.8777, 2.9925, 32.0189



82.6791, -6.2127, 26.1795



31.2592, 54.1310, 15.5472



38.4845, -2.8840, 13.3883



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.



51.8777, 2.9925, 32.0189



69.1590, 4.4803, 42.6939



61.0974, -30.9843, 37.1053



30.8962, -1.9756, 4.3183



43.7308, 2.3012, 26.9870



8.2869, -0.4976, 5.0977

Inverse Universe

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



22.4861, 32.3911, -98.0276



29.5953, 44.9360, -133.9956



19.5120, 50.0924, -116.6903



29.2545, -1.1252, -1.2597



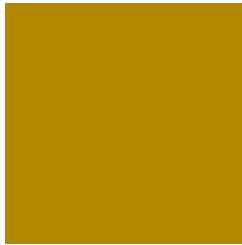
19.1339, 26.5042, -81.1308



4.5654, 1.7440, -9.4710

Previews

White Background



This preview shows how the HunterLab color 51.8764, 2.9950, 32.0185 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 51.8764, 2.9950, 32.0185 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 51.8764, 2.9950, 32.0185 Background



This preview shows how black text looks on a background with the HunterLab color 51.8764, 2.9950, 32.0185.



This preview shows how white text looks on a background with the HunterLab color 51.8764, 2.9950,

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

51.8764, 2.9950, 32.0185

Protanopia

51.8088, -7.2015, 31.4696

Deuteranopia

52.0000, 3.4274, 31.9712



Tritanopia

51.8224, 19.3836, 6.0474

Trichromacy



Original Color

51.8764, 2.9950, 32.0185

Protanomaly

51.6661, -3.3465, 31.5801

Deuteranomaly

51.9979, 3.4161, 32.0024

Tritanomaly

51.4195, 10.8905, 21.7234

Monochromacy



Original Color

51.8764, 2.9950, 32.0185

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

49.1834, -3.5324, 19.8844

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8764, 2.9950, 32.0185 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(179, 135, 0)` looks like.

```
.text, #text, p{  
    color:rgb(179, 135, 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(179, 135, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 135, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8764, 2.9950, 32.0185 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(179, 135, 0) }
```


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

```
.border{ border-color:rgb(179, 135, 0) }
```

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

Here you see how a box with a 4 pixel rgb(179, 135, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 135, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 135, 0);  
box-shadow:4px 4px 4px 4px rgb(179, 135,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8764, 2.9950, 32.0185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 135, 0) }
```

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

```
.background{ background-color: rgb(179,  
135, 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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