

Converting Colors

HunterLab(51.5302, -2.5032,
31.7088)

Have a look what the booklet for
HunterLab(51.5302, -2.5032,
31.7088) contains.

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Color

HunterLab(51.4799, -2.5839,
31.6764)

Conversions

Conversions Part 1

Format	Color
Hex	A88A00
RGB	168, 138, 0
RGB Percent	66%, 54%, 0%
CMY	0.3412, 0.4588, 1.0000
CMYK	0.00, 0.18, 1.00, 0.34
HSL	49°, 100%, 33%
HSV	49°, 100%, 66%
XYZ	25.2370, 26.5018, 3.7853
YIQ	131.2380, 62.1780, -36.5580

Conversions

Conversions Part 2

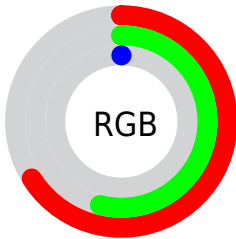
Format	Color
R_{YB}	37, 168, 0
Decimal	11045376
CIE _{Lab}	58.51, 0.20, 63.19
CIE _{LCh}	59, 63.191, 89.818
Yxy	26.5031, 0.4545, 0.4773
Android (android.graphics.Color)	4289235456 (0xFFA88A00)
YUV	131.2380, -64.7003, 32.2403
Hunter-Lab	51.4799, -2.5839, 31.6764

Details

The HunterLab color **51.4799, -2.5839, 31.6764** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **19.3806, 35.4593, -100.7683**, and the grayscale version is **47.9659, -2.5593, 2.6061**.

A 20% lighter version of the original color is **73.5083, -3.7890, 40.5556**, and **32.4411, -1.0453, 19.9718** is the 20% darker color. If you saturate the color by 10%, you get **51.4806, -2.5853, 31.6768**, and if you desaturate by 10%, it is **52.3600, -3.7656, 31.6063**.

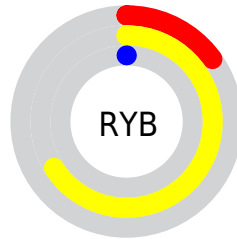
Distribution



Red (66%)

Green (54%)

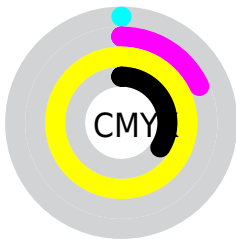
Blue (0%)



Red (15%)

Yellow (66%)

Blue (0%)

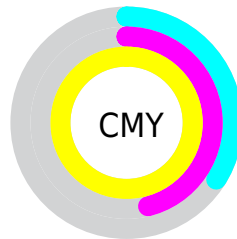


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (34%)



Cyan (34%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4799, -2.5839, 31.6764 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 51.4799, -2.5839, 31.6764 by changing the saturation by 10% instead.

■ 51.4799, -2.5839,
31.6764

■ 51.4799, -2.5839,
31.6764

168.8914, -8.7778,
67.0355

■ 41.4733, -2.0630,
26.8747

■ 73.5428, -3.7439,
40.5861

■ 32.2141, -1.5807,
22.1370

■ 85.5184, -4.3740,
44.7493

■ 23.7696, -1.1431,
16.6387

■ 98.0815, -5.0360,
48.7532

■ 16.2278, -0.7554,
11.3595

■ 111.2058, -5.7283,
52.6194

■ 9.7133, -0.4249,
6.7993

■ 124.8683, -6.4498,
56.3664

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.0487, -7.1991,

60.0098

0.0000, NaN, NaN

153.7285, -7.9755,
63.5624

0.0000, NaN, NaN

51.4799, -2.5839,
31.6764

51.4799, -2.5839,
31.6764

51.4806, -2.5853,
31.6768

52.3600, -3.7656,
31.6063

53.2783, -4.7703,
31.0947

54.2469, -5.5378,
29.9805

55.2687, -6.0482,
28.2182

56.3458, -6.2891,
25.7817

■ 57.4792, -6.2536,
22.6591

■ 58.6691, -5.9387,
18.8489

■ 59.9157, -5.3451,
14.3584

■ 61.2184, -4.4764,
9.2011

Harmonies

Analogous

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



51.4812, 25.8173, 29.7252



51.4799, -2.5839, 31.6764



51.4812, -25.9590, 29.7765

Triad

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



51.4812, -2.5862, 31.6768



51.4812, -40.2778, -28.0353



51.4812, 49.8255, -28.4532

Complementary

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



51.4799, -2.5839, 31.6764



19.3806, 35.4593, -100.7683

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.



51.4812, 25.4759, -60.4888



51.4799, -2.5839, 31.6764



51.4812, -26.1891, -60.1728

Square

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



51.4812, -2.5862, 31.6768



51.4812, -44.8258, 2.9574



51.4812, -2.9129, -74.3181



51.4812, 59.6134, 2.6466

Rectangle

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



51.4799, -2.5839, 31.6764



51.4812, -36.5135, 25.4650



51.4812, -2.9129, -74.3181



51.4812, 42.8557, -39.9454

Sweetspot

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



51.4812, -2.5862, 31.6768



78.9414, -8.0335, 25.7017



29.0223, 50.0368, 16.1380



36.5492, -3.8475, 13.0072



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



51.4812, -2.5862, 31.6768



69.1426, -3.1384, 42.5504



56.2464, -31.6379, 34.1046



29.2277, -2.0997, 4.2008



44.8121, -2.3720, 27.5715



7.3917, -1.0203, 4.5369

Inverse Universe

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



19.3806, 35.4593, -100.7683



25.6742, 49.3211, -138.5606



18.9471, 47.3648, -103.4202



27.4029, -0.8195, -1.3431



17.0057, 30.2365, -86.5276



3.6196, 2.0194, -8.8834

Previews

White Background



This preview shows how the HunterLab color 51.4799, -2.5839, 31.6764 looks on a white background.

Color Contrast Check

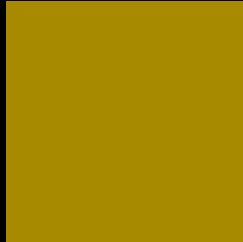
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.4799, -2.5839, 31.6764 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 51.4799, -2.5839, 31.6764 Background



This preview shows how black text looks on a background with the HunterLab color 51.4799, -2.5839, 31.6764.



This preview shows how white text looks on a background with the HunterLab color 51.4799, -2.5839,

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

51.4799, -2.5839, 31.6764

Protanopia

51.4160, -7.1391, 31.3255

Deuteranopia

51.5211, 3.2362, 31.3655



Tritanopia

51.3686, 14.3024, 4.1508

Trichromacy



Original Color

51.4799, -2.5839, 31.6764

Protanomaly

51.4260, -5.6490, 31.4571

Deuteranomaly

51.3266, 1.1677, 31.3823

Tritanomaly

50.9684, 5.4549, 20.7621

Monochromacy



Original Color

51.4799, -2.5839, 31.6764

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.5840, -5.7064, 19.8503

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4799, -2.5839, 31.6764 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(168, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(168, 138, 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(168, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 138, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4799, -2.5839, 31.6764 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(168, 138, 0) }
```


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

```
.border{ border-color:rgb(168, 138, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 138, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(168, 138,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4799, -2.5839, 31.6764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 138, 0) }
```

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

```
.background{ background-color: rgb(168,  
138, 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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