

Converting Colors

HunterLab(51.7966, 28.8286,
28.0166)

Have a look what the booklet for
HunterLab(51.7966, 28.8286,
28.0166) contains.

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Color

**HunterLab(51.8199, 28.5019,
28.0012)**

Conversions

Conversions Part 1

Format	Color
Hex	D67339
RGB	214, 115, 57
RGB Percent	84%, 45%, 22%
CMY	0.1608, 0.5490, 0.7765
CMYK	0.00, 0.46, 0.73, 0.16
HSL	22°, 66%, 53%
HSV	22°, 73%, 84%
XYZ	34.6008, 26.8530, 7.2304
YIQ	137.9890, 77.6220, 2.9500

Conversions

Conversions Part 2

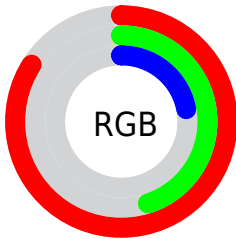
Format	Color
RYB	214, 149, 57
Decimal	14054201
CIELab	58.84, 34.43, 48.04
CIELCh	59, 59.107, 54.369
Yxy	26.8545, 0.5038, 0.3910
Android (android.graphics.Color)	4292244281 (0xFFD67339)
YUV	137.9890, -39.9276, 66.6616
Hunter-Lab	51.8199, 28.5019, 28.0012

Details

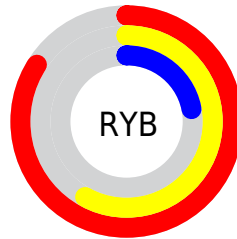
The HunterLab color **51.8199, 28.5019, 28.0012** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **54.3140, -10.5465, -36.1629**, and the grayscale version is **50.5424, -2.6968, 2.7461**.

A 20% lighter version of the original color is **70.9414, 21.5295, 32.4653**, and **32.4987, 25.7847, 20.2674** is the 20% darker color. If you saturate the color by 10%, you get **48.8143, 34.3231, 28.6912**, and if you desaturate by 10%, it is **55.1553, 22.9164, 26.5581**.

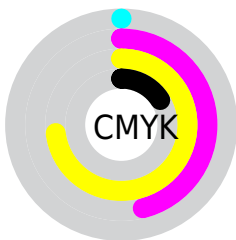
Distribution



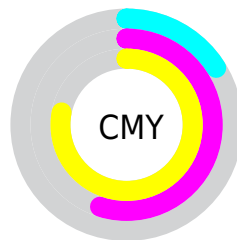
- Red (84%)
- Green (45%)
- Blue (22%)



- Red (84%)
- Yellow (58%)
- Blue (22%)



- Cyan (0%)
- Magenta (46%)
- Yellow (73%)
- Black (16%)



- Cyan (16%)
- Magenta (55%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8199, 28.5019, 28.0012 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 51.8199, 28.5019, 28.0012 by changing the saturation by 10% instead.

51.8199, 28.5019,
28.0012

51.8199, 28.5019,
28.0012

169.3965, 34.7937,
55.8311

41.7899, 27.3349,
24.2499

73.9258, 30.4896,
34.9401

32.5051, 26.0454,
20.2560

85.9211, 31.3370,
38.1904

24.0327, 24.6219,
16.5329

98.5029, 32.0967,
41.3269

16.4596, 23.0714,
11.5217

111.6453, 32.7757,
44.3678

9.9089, 21.4662,
6.9362

125.3251, 33.3800,
47.3278

0.0000, INF, NaN

0.0000, NaN, NaN

139.5221, 33.9149,

50.2187

0.0000, NaN, NaN

154.2180, 34.3847,
53.0505

0.0000, NaN, NaN

■ 51.8199, 28.5019,
28.0012

■ 51.8199, 28.5019,
28.0012

■ 48.8143, 34.3231,
28.6912

■ 55.1553, 22.9164,
26.5581

■ 46.1638, 40.2528,
28.6077

■ 58.7847, 17.6580,
24.4224

■ 44.6064, 44.1176,
28.2586

■ 62.6790, 12.7618,
21.6734

■ 66.8101, 8.2367,
18.3908

■ 71.1525, 4.0726,
14.6480

■ 75.6842, 0.2489,
10.5096

■ 80.3858, -3.2607,
6.0303

■ 85.2406, -6.4843,
1.2560

■ 90.2343, -9.4498,
-3.7752

Harmonies

Analogous

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



51.8213, 49.0112, 18.4308



51.8199, 28.5019, 28.0012



51.8213, 2.0596, 30.8852

Triad

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



51.8213, 28.4984, 28.0018



51.8213, -42.6262, 7.1317



51.8213, 18.7190, -58.9611

Complementary

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



51.8199, 28.5019, 28.0012



54.3140, -10.5465, -36.1629

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.



51.8213, -7.4248, -66.9569



51.8199, 28.5019, 28.0012



51.8213, -39.8516, -19.9601

Square

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



51.8213, 28.4984, 28.0018



51.8213, -36.4891, 23.0917



51.8213, -28.0236, -50.1851



51.8213, 42.6535, -31.7441

Rectangle

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



51.8199, 28.5019, 28.0012



51.8213, -14.2245, 30.5169



51.8213, -28.0236, -50.1851



51.8213, 9.7797, -64.4000

Sweetspot

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



51.8213, 28.4984, 28.0018



87.3897, 4.4128, 17.3088



44.3142, 64.3669, -13.9067



39.7450, 2.6592, 8.6169

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.8213, 28.4984, 28.0018



57.6894, 45.8428, 35.0464



72.6366, -10.2516, 41.4190



36.2833, -0.5478, 4.1105



34.9424, 33.5926, 22.1194



9.4459, 6.0806, 5.9270

Inverse Universe

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



54.3140, -10.5465, -36.1629



60.8650, -8.6392, -54.8061



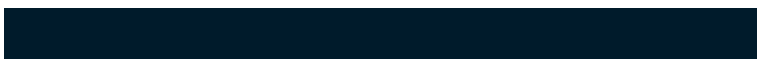
33.4133, 29.9119, -91.7735



36.4700, -3.1874, -0.2416



36.8812, -3.2200, -39.1473



9.8806, -2.0774, -7.8654

Previews

White Background



This preview shows how the HunterLab color 51.8199, 28.5019, 28.0012 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 51.8199, 28.5019, 28.0012 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 51.8199, 28.5019, 28.0012 Background



This preview shows how black text looks on a background with the HunterLab color 51.8199, 28.5019, 28.0012.



This preview shows how white text looks on a background with the HunterLab color 51.8199, 28.5019, 28.0012.

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

51.8199, 28.5019, 28.0012

Protanopia

51.9584, -5.9767, 26.2052

Deuteranopia

51.8874, 3.5096, 28.3219



Tritanopia

51.7086, 37.6848, 13.5768

Trichromacy



Original Color

51.8199, 28.5019, 28.0012

Protanomaly

51.2984, 5.8512, 26.4449

Deuteranomaly

51.6254, 12.0704, 28.0145

Tritanomaly

51.7630, 33.7953, 20.0869

Monochromacy



Original Color

51.8199, 28.5019, 28.0012

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.1761, 6.3540, 13.9335

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8199, 28.5019, 28.0012 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(214, 115, 57)` looks like.

```
.text, #text, p{  
    color:rgb(214, 115, 57)  
}
```

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(214, 115, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 115, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8199, 28.5019, 28.0012 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(214, 115, 57) }
```


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

```
.border{ border-color:rgb(214, 115, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 115, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 115, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 115, 57);  
box-shadow:4px 4px 4px 4px rgb(214, 115,  
57) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8199, 28.5019, 28.0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 115, 57) }
```

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

```
.background{ background-color: rgb(214,  
115, 57) }
```

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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