

Converting Colors

HunterLab(51.1834, 28.3117,
29.4850)

Have a look what the booklet for
HunterLab(51.1834, 28.3117,
29.4850) contains.

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Color

**HunterLab(51.1112, 28.4709,
29.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	D5712A
RGB	213, 113, 42
RGB Percent	84%, 44%, 16%
CMY	0.1647, 0.5568, 0.8353
CMYK	0.00, 0.47, 0.80, 0.16
HSL	25°, 67%, 50%
HSV	25°, 80%, 84%
XYZ	33.7636, 26.1235, 5.4533
YIQ	134.8060, 82.3910, -0.8810

Conversions

Conversions Part 2

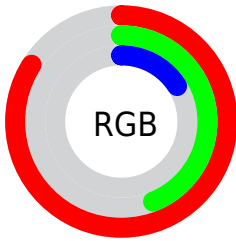
Format	Color
R _Y B	213, 163, 42
Decimal	13988138
CIE Lab	58.16, 34.48, 54.13
CIE LCh	58, 64.178, 57.505
Yxy	26.1250, 0.5167, 0.3998
Android (android.graphics.Color)	4292178218 (0xFFD5712A)
YUV	134.8060, -45.7534, 68.5761
Hunter-Lab	51.1112, 28.4709, 29.4519

Details

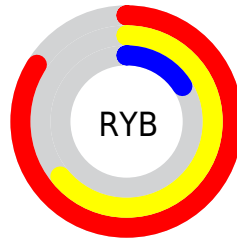
The HunterLab color **51.1112, 28.4709, 29.4519** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **49.6395, -5.4671, -44.6966**, and the grayscale version is **49.2990, -2.6305, 2.6785**.

A 20% lighter version of the original color is **70.2302, 21.5947, 34.9108**, and **31.9850, 26.2104, 20.1679** is the 20% darker color. If you saturate the color by 10%, you get **48.3937, 34.0185, 29.5639**, and if you desaturate by 10%, it is **54.1228, 23.1519, 28.5553**.

Distribution



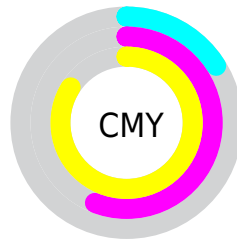
- Red (84%)
- Green (44%)
- Blue (16%)



- Red (84%)
- Yellow (64%)
- Blue (16%)



- Cyan (0%)
- Magenta (47%)
- Yellow (80%)
- Black (16%)



- Cyan (16%)
- Magenta (56%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1112, 28.4709, 29.4519 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 51.1112, 28.4709, 29.4519 by changing the saturation by 10% instead.

51.1112, 28.4709,
29.4519

51.1112, 28.4709,
29.4519

168.3434, 34.8272,
60.3530

41.1305, 27.2937,
25.2560

73.1276, 30.4766,
37.2085

31.8990, 25.9933,
20.8147

85.0817, 31.3320,
40.8328

23.4850, 24.5589,
16.4395

97.6243, 32.0992,
44.3228

15.9773, 22.9994,
11.1841

110.7291, 32.7852,
47.6987

9.5025, 21.3972,
6.6517

124.3728, 33.3960,
50.9771

0.0000, INF, NaN

0.0000, NaN, NaN

138.5351, 33.9370,

54.1718

0.0000, NaN, NaN

153.1974, 34.4127,
57.2939

0.0000, NaN, NaN

■ 51.1112, 28.4709,
29.4519

■ 51.1112, 28.4709,
29.4519

■ 48.3937, 34.0185,
29.5639

■ 54.1228, 23.1519,
28.5553

■ 46.0422, 39.4806,
29.0621

■ 57.4011, 18.1547,
26.8963

■ 60.9233, 13.5187,
24.5332

■ 64.6661, 9.2579,
21.5362

■ 68.6080, 5.3677,
17.9776

■ 72.7295, 1.8313,
13.9250

■ 77.0135, -1.3743,
9.4392

■ 81.4447, -4.2752,
4.5734

■ 86.0097, -6.8979,
-0.6268

Harmonies

Analogous

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



51.1126, 52.3412, 20.8213



51.1112, 28.4709, 29.4519



51.1126, -0.4363, 31.6909

Triad

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



51.1126, 28.4674, 29.4525



51.1126, -45.1468, 4.8982



51.1126, 23.6994, -63.8250

Complementary

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



51.1112, 28.4709, 29.4519



49.6395, -5.4671, -44.6966

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.



51.1126, -4.9839, -75.9162



51.1112, 28.4709, 29.4519



51.1126, -41.2991, -25.8965

Square

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



51.1126, 28.4674, 29.4525



51.1126, -39.7467, 22.9250



51.1126, -27.8735, -59.3752



51.1126, 49.2088, -31.7576

Rectangle

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



51.1112, 28.4709, 29.4519



51.1126, -17.5118, 31.1048



51.1126, -27.8735, -59.3752



51.1126, 13.9497, -70.9113

Sweetspot

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



51.1126, 28.4674, 29.4525



87.1321, 3.9143, 19.1090



42.2305, 67.0541, -10.1869



39.4724, 2.5381, 9.6613

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.1126, 28.4674, 29.4525



57.3042, 46.3498, 35.8189



73.3129, -12.4619, 43.1852



36.4136, -0.7690, 4.2522



36.2496, 30.1796, 22.8652



9.7664, 5.3405, 6.1115

Inverse Universe

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



49.6395, -5.4671, -44.6966



54.9390, 0.1141, -68.2452



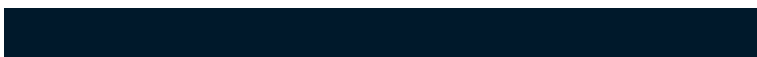
29.0427, 38.5049, -109.9415



36.3362, -2.9692, -0.4037



34.6857, 0.4607, -44.3486



9.4196, -1.3692, -8.8181

Previews

White Background



This preview shows how the HunterLab color 51.1112, 28.4709, 29.4519 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 51.1112, 28.4709, 29.4519 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 51.1112, 28.4709, 29.4519 Background



This preview shows how black text looks on a background with the HunterLab color 51.1112, 28.4709, 29.4519.



This preview shows how white text looks on a background with the HunterLab color 51.1112, 28.4709, 29.4519.

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

51.1112, 28.4709, 29.4519

Protanopia

51.4195, -6.7252, 28.2162

Deuteranopia

51.1084, 3.3957, 29.7965



Tritanopia

51.0874, 37.9662, 14.0133

Trichromacy



Original Color

51.1112, 28.4709, 29.4519

Protanomaly

50.7710, 5.1660, 28.3568

Deuteranomaly

50.8666, 11.9813, 29.5134

Tritanomaly

51.0612, 33.7416, 21.5844

Monochromacy



Original Color

51.1112, 28.4709, 29.4519

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

48.8926, 5.8649, 15.2999

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1112, 28.4709, 29.4519 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(213, 113, 42)` looks like.

```
.text, #text, p{  
    color:rgb(213, 113, 42)  
}
```

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(213, 113, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 113, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1112, 28.4709, 29.4519 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(213, 113, 42) }
```


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

```
.border{ border-color:rgb(213, 113, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 113, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 113, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 113, 42);  
box-shadow:4px 4px 4px 4px rgb(213, 113,  
42) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1112, 28.4709, 29.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 113, 42) }
```

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

```
.background{ background-color: rgb(213,  
113, 42) }
```

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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