

Converting Colors

HunterLab(49.9659, 30.2052,
28.4375)

Have a look what the booklet for
HunterLab(49.9659, 30.2052,
28.4375) contains.

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Color

**HunterLab(50.1160, 30.1000,
28.5892)**

Conversions

Conversions Part 1

Format	Color
Hex	D46D2C
RGB	212, 109, 44
RGB Percent	83%, 43%, 17%
CMY	0.1686, 0.5725, 0.8274
CMYK	0.00, 0.49, 0.79, 0.17
HSL	23°, 66%, 50%
HSV	23°, 79%, 83%
XYZ	33.0746, 25.1161, 5.4875
YIQ	132.3870, 82.2530, 1.6210

Conversions

Conversions Part 2

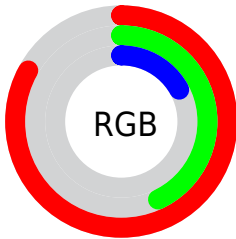
Format	Color
R_{YB}	212, 150, 44
Decimal	13921580
CIE _{Lab}	57.19, 36.22, 52.31
CIE _{LCh}	57, 63.624, 55.305
Yxy	25.1175, 0.5194, 0.3944
Android (android.graphics.Color)	4292111660 (0xFFD46D2C)
YUV	132.3870, -43.5748, 69.8206
Hunter-Lab	50.1160, 30.1000, 28.5892

Details

The HunterLab color **50.1160, 30.1000, 28.5892** 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 **51.1415, -7.9808, -40.8378**, and the grayscale version is **48.3331, -2.5789, 2.6260**.

A 20% lighter version of the original color is **69.2162, 23.7548, 33.9955**, and **31.1564, 27.5547, 19.6808** is the 20% darker color. If you saturate the color by 10%, you get **47.3556, 35.8155, 28.8054**, and if you desaturate by 10%, it is **53.1985, 24.5785, 27.6032**.

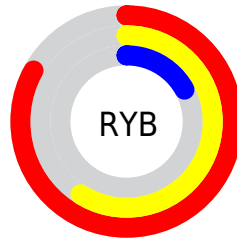
Distribution



Red (83%)

Green (43%)

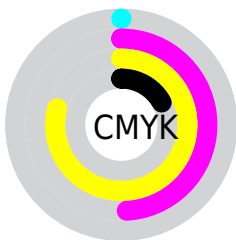
Blue (17%)



Red (83%)

Yellow (59%)

Blue (17%)

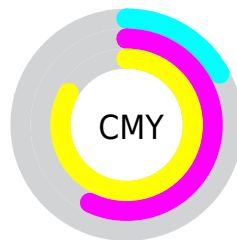


Cyan (0%)

Magenta (49%)

Yellow (79%)

Black (17%)



Cyan (17%)

Magenta (57%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1160, 30.1000, 28.5892 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 50.1160, 30.1000, 28.5892 by changing the saturation by 10% instead.

50.1160, 30.1000,
28.5892

50.1160, 30.1000,
28.5892

166.8600, 37.1035,
58.6867

40.2052, 28.8399,
24.4974

72.0054, 32.2654,
36.1445

31.0495, 27.4560,
20.1582

83.9011, 33.1970,
39.6731

22.7187, 25.9411,
15.9031

96.3881, 34.0380,
43.0708

15.3045, 24.3151,
10.7131

109.4397, 34.7955,
46.3578

8.9216, 22.8003,
6.2451

123.0323, 35.4757,
49.5506

0.0000, INF, NaN

0.0000, NaN, NaN

137.1453, 36.0840,

52.6626

0.0000, NaN, NaN

151.7600, 36.6252,
55.7049

0.0000, NaN, NaN

■ 50.1160, 30.1000,
28.5892

■ 50.1160, 30.1000,
28.5892

■ 47.3556, 35.8155,
28.8054

■ 53.1985, 24.5785,
27.6032

■ 44.9321, 41.5584,
28.3538

■ 56.5715, 19.3587,
25.8817

■ 44.7618, 41.9810,
28.3170

■ 60.2080, 14.4883,
23.4918

■ 64.0814, 9.9865,
20.5096

■ 68.1671, 5.8503,
17.0096

■ 72.4432, 2.0636,
13.0604

■ 76.8907, -1.3971,
8.7215

■ 81.4927, -4.5584,
4.0443

■ 86.2347, -7.4477,
-0.9282

Harmonies

Analogous

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



50.1174, 52.8273, 19.4620



50.1160, 30.1000, 28.5892



50.1174, 1.6038, 31.0984

Triad

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



50.1174, 30.0964, 28.5898



50.1174, -44.3342, 6.5706



50.1174, 21.2631, -64.7453

Complementary

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



50.1160, 30.1000, 28.5892



51.1415, -7.9808, -40.8378

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.



50.1174, -6.8184, -74.6612



50.1160, 30.1000, 28.5892



50.1174, -41.2213, -23.0223

Square

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



50.1174, 30.0964, 28.5898



50.1174, -38.3488, 23.3545



50.1174, -28.7269, -56.4943



50.1174, 47.0229, -33.8874

Rectangle

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



50.1160, 30.1000, 28.5892



50.1174, -15.5463, 30.6967



50.1174, -28.7269, -56.4943



50.1174, 11.6384, -71.1517

Sweetspot

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



50.1174, 30.0964, 28.5898



86.6141, 4.8288, 18.5986



42.3366, 66.5872, -11.7508



39.2003, 3.0240, 9.4001

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.1174, 30.0964, 28.5898



56.3001, 48.9521, 35.1567



72.1483, -11.1081, 42.3047



36.3330, -0.6323, 4.1646



35.4263, 32.3094, 22.3952



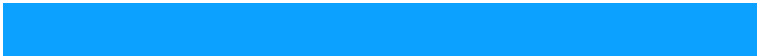
9.5661, 5.7993, 5.9961

Inverse Universe

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



51.1415, -7.9808, -40.8378



57.3460, -3.8520, -62.5460



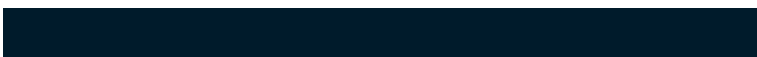
29.8511, 35.8609, -104.6915



36.4189, -3.1041, -0.3035



36.0348, -1.8269, -41.0966



9.7034, -1.8087, -8.2239

Previews

White Background



This preview shows how the HunterLab color 50.1160, 30.1000, 28.5892 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 50.1160, 30.1000, 28.5892 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 50.1160, 30.1000, 28.5892 Background



This preview shows how black text looks on a background with the HunterLab color 50.1160, 30.1000, 28.5892.



This preview shows how white text looks on a background with the HunterLab color 50.1160, 30.1000,

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

50.1160, 30.1000, 28.5892

Protanopia

50.2941, -6.2614, 27.0514

Deuteranopia

50.2436, 3.2652, 29.0475



Tritanopia

50.0539, 39.1326, 14.3904

Trichromacy



Original Color

50.1160, 30.1000, 28.5892

Protanomaly

49.5121, 6.4503, 27.1425

Deuteranomaly

49.8770, 12.7165, 28.6749

Tritanomaly

50.0551, 35.1576, 21.2793

Monochromacy



Original Color

50.1160, 30.1000, 28.5892

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.8670, 6.4984, 14.6754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1160, 30.1000, 28.5892 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(212, 109, 44)` looks like.

```
.text, #text, p{  
    color:rgb(212, 109, 44)  
}
```

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(212, 109, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 109, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1160, 30.1000, 28.5892 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(212, 109, 44) }
```


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

```
.border{ border-color:rgb(212, 109, 44) }
```

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

Here you see how a box with a 4 pixel rgb(212, 109, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 109, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 109, 44);  
box-shadow:4px 4px 4px 4px rgb(212, 109,  
44) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.1160, 30.1000, 28.5892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 109, 44) }
```

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

```
.background{ background-color: rgb(212,  
109, 44) }
```

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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