

Converting Colors

HunterLab(49.7903, 31.8486,
28.1219)

Have a look what the booklet for
HunterLab(49.7903, 31.8486,
28.1219) contains.

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Color

**HunterLab(49.8586, 31.5769,
28.2017)**

Conversions

Conversions Part 1

Format	Color
Hex	D56B2E
RGB	213, 107, 46
RGB Percent	84%, 42%, 18%
CMY	0.1647, 0.5804, 0.8196
CMYK	0.00, 0.50, 0.78, 0.16
HSL	22°, 67%, 51%
HSV	22°, 78%, 84%
XYZ	33.1914, 24.8588, 5.6336
YIQ	131.7400, 82.7570, 3.5010

Conversions

Conversions Part 2

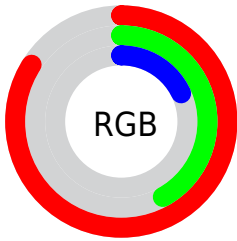
Format	Color
R _Y B	213, 142, 46
Decimal	13986606
CIE Lab	56.94, 37.71, 51.23
CIE LCh	57, 63.612, 53.643
Yxy	24.8602, 0.5212, 0.3904
Android (android.graphics.Color)	4292176686 (0xFFD56B2E)
YUV	131.7400, -42.2698, 71.2650
Hunter-Lab	49.8586, 31.5769, 28.2017

Details

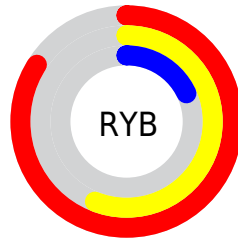
The HunterLab color **49.8586, 31.5769, 28.2017** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **52.7633, -9.9105, -38.3982**, and the grayscale version is **48.0726, -2.5650, 2.6119**.

A 20% lighter version of the original color is **68.7358, 24.9364, 33.2457**, and **30.8281, 29.2152, 19.5076** is the 20% darker color. If you saturate the color by 10%, you get **47.0421, 37.4678, 28.5050**, and if you desaturate by 10%, it is **53.0233, 25.8510, 27.1342**.

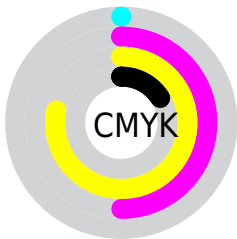
Distribution



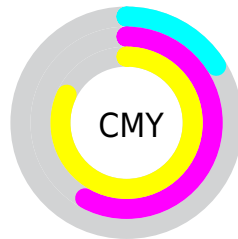
- Red (84%)
- Green (42%)
- Blue (18%)



- Red (84%)
- Yellow (56%)
- Blue (18%)



- Cyan (0%)
- Magenta (50%)
- Yellow (78%)
- Black (16%)



- Cyan (16%)
- Magenta (58%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8586, 31.5769, 28.2017 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 49.8586, 31.5769, 28.2017 by changing the saturation by 10% instead.

■ 49.8586, 31.5769,
28.2017

■ 49.8586, 31.5769,
28.2017

166.4755, 39.0903,
57.7859

■ 39.9661, 30.2537,
24.1804

■ 71.7149, 33.8657,
35.6242

■ 30.8301, 28.8074,
19.9060

■ 83.5954, 34.8569,
39.0908

■ 22.5211, 27.2339,
15.7648

■ 96.0679, 35.7559,
42.4295

■ 15.1313, 25.5614,
10.5919

■ 109.1056, 36.5700,
45.6602

■ 8.7646, 24.1204,
6.1352

■ 122.6849, 37.3053,
48.7991

0.0000, INF, NaN

0.0000, NaN, NaN

■ 136.7851, 37.9673,

51.8593

0.0000, NaN, NaN

151.3875, 38.5609,
54.8519

0.0000, NaN, NaN

■ 49.8586, 31.5769,
28.2017

■ 49.8586, 31.5769,
28.2017

■ 47.0421, 37.4678,
28.5050

■ 53.0233, 25.8510,
27.1342

■ 44.5940, 43.3463,
28.1076

■ 56.5007, 20.4116,
25.3467

■ 44.2355, 44.2549,
28.0325

■ 60.2602, 15.3150,
22.9134

■ 64.2720, 10.5848,
19.9149

■ 68.5089, 6.2200,
16.4284

■ 72.9468, 2.2049,
12.5229

■ 77.5648, -1.4843,
8.2575

■ 82.3447, -4.8752,
3.6820

■ 87.2708, -7.9958,
-1.1623

Harmonies

Analogous

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



49.8600, 53.6310, 18.5977



49.8586, 31.5769, 28.2017



49.8600, 3.1505, 30.9438

Triad

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



49.8600, 31.5733, 28.2023



49.8600, -44.1205, 7.8250



49.8600, 19.6451, -65.9673

Complementary

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



49.8586, 31.5769, 28.2017



52.7633, -9.9105, -38.3982

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.



49.8600, -8.2220, -74.3249



49.8586, 31.5769, 28.2017



49.8600, -41.5206, -21.1171

Square

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



49.8600, 31.5733, 28.2023



49.8600, -37.6428, 23.8551



49.8600, -29.5973, -54.8233



49.8600, 45.7929, -35.7929

Rectangle

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



49.8586, 31.5769, 28.2017



49.8600, -14.2056, 30.6713



49.8600, -29.5973, -54.8233



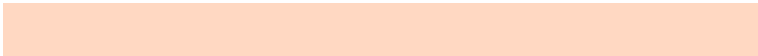
49.8600, 10.0355, -71.9089

Sweetspot

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



49.8600, 31.5733, 28.2023



86.2195, 5.5291, 18.2082



42.9554, 67.3447, -14.8819



38.9933, 3.3960, 9.2004

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8600, 31.5733, 28.2023



55.6495, 50.6912, 34.6849



70.9142, -8.5486, 41.3861



36.2715, -0.5277, 4.0976



34.8301, 33.8938, 22.0555



9.4177, 6.1473, 5.9108

Inverse Universe

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



52.7633, -9.9105, -38.3982



59.2636, -6.8743, -58.2523



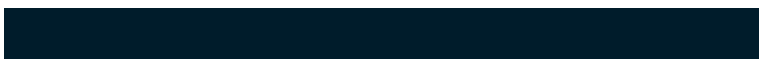
31.4611, 32.2807, -98.6817



36.4822, -3.2072, -0.2269



37.0840, -3.5492, -38.6901



9.9229, -2.1410, -7.7810

Previews

White Background



This preview shows how the HunterLab color 49.8586, 31.5769, 28.2017 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 49.8586, 31.5769, 28.2017 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 49.8586, 31.5769, 28.2017 Background



This preview shows how black text looks on a background with the HunterLab color 49.8586, 31.5769, 28.2017.



This preview shows how white text looks on a background with the HunterLab color 49.8586, 31.5769,

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

49.8586, 31.5769, 28.2017

Protanopia

49.9299, -6.0516, 26.5164

Deuteranopia

49.8757, 3.4273, 28.6133



Tritanopia

49.9678, 39.8246, 14.9821

Trichromacy



Original Color

49.8586, 31.5769, 28.2017

Protanomaly

49.2693, 7.0245, 26.7136

Deuteranomaly

49.6427, 13.2773, 28.3165

Tritanomaly

49.8031, 36.5478, 21.0968

Monochromacy



Original Color

49.8586, 31.5769, 28.2017

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.6262, 7.0913, 14.1441

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8586, 31.5769, 28.2017 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, 107, 46)` looks like.

```
.text, #text, p{  
    color:rgb(213, 107, 46)  
}
```

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, 107, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 107, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8586, 31.5769, 28.2017 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, 107, 46) }
```


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

```
.border{ border-color:rgb(213, 107, 46) }
```

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

Here you see how a box with a 4 pixel rgb(213, 107, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 107, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 107, 46);  
box-shadow:4px 4px 4px 4px rgb(213, 107,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8586, 31.5769, 28.2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 107, 46) }
```

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

```
.background{ background-color: rgb(213,  
107, 46) }
```

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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