

Converting Colors

HunterLab(49.5871, 29.2245,
27.9888)

Have a look what the booklet for
HunterLab(49.5871, 29.2245,
27.9888) contains.

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Color

**HunterLab(49.4749, 29.4132,
27.9036)**

Conversions

Conversions Part 1

Format	Color
Hex	D16C2E
RGB	209, 108, 46
RGB Percent	82%, 42%, 18%
CMY	0.1804, 0.5764, 0.8196
CMYK	0.00, 0.48, 0.78, 0.18
HSL	23°, 64%, 50%
HSV	23°, 78%, 82%
XYZ	32.1502, 24.4777, 5.6149
YIQ	131.1310, 80.0980, 2.1300

Conversions

Conversions Part 2

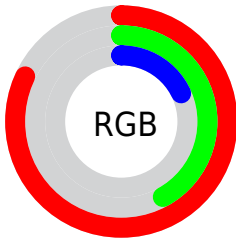
Format	Color
R _{YB}	209, 146, 46
Decimal	13724718
CIE Lab	56.56, 35.60, 50.67
CIE LCh	57, 61.925, 54.903
Yxy	24.4790, 0.5165, 0.3933
Android (android.graphics.Color)	4291914798 (0xFFD16C2E)
YUV	131.1310, -41.9696, 68.2911
Hunter-Lab	49.4749, 29.4132, 27.9036

Details

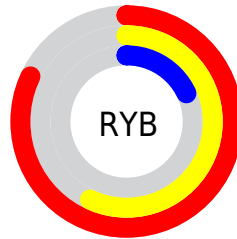
The HunterLab color **49.4749, 29.4132, 27.9036** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **51.0392, -8.6420, -38.7735**, and the grayscale version is **47.8317, -2.5522, 2.5988**.

A 20% lighter version of the original color is **68.9886, 24.4123, 33.4272**, and **30.5320, 26.8146, 19.2831** is the 20% darker color. If you saturate the color by 10%, you get **46.7124, 35.0620, 28.2231**, and if you desaturate by 10%, it is **52.5579, 23.9598, 26.8325**.

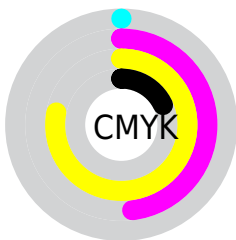
Distribution



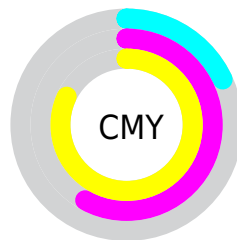
- Red (82%)
- Green (42%)
- Blue (18%)



- Red (82%)
- Yellow (57%)
- Blue (18%)



- Cyan (0%)
- Magenta (48%)
- Yellow (78%)
- Black (18%)



- Cyan (18%)
- Magenta (58%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4749, 29.4132, 27.9036 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 49.4749, 29.4132, 27.9036 by changing the saturation by 10% instead.

■ 49.4749, 29.4132,
27.9036

■ 49.4749, 29.4132,
27.9036

165.9015, 36.2612,
57.2446

■ 39.6097, 28.1703,
23.9133

■ 71.2816, 31.5435,
35.2656

■ 30.5034, 26.8028,
19.6706

■ 83.1394, 32.4574,
38.7034

■ 22.2269, 25.3032,
15.5589

■ 95.5902, 33.2808,
42.0142

■ 14.8739, 23.6913,
10.4117

■ 108.6072, 34.0209,
45.2179

■ 8.5247, 22.4246,
5.9673

■ 122.1666, 34.6838,
48.3308

0.0000, INF, NaN

0.0000, NaN, NaN

■ 136.2476, 35.2751,

51.3659

0.0000, NaN, NaN

150.8315, 35.7995,
54.3342

0.0000, NaN, NaN

■ 49.4749, 29.4132,
27.9036

■ 49.4749, 29.4132,
27.9036

■ 46.7124, 35.0620,
28.2231

■ 52.5579, 23.9598,
26.8325

■ 44.2891, 40.7552,
27.8427

■ 55.9291, 18.8056,
25.0507

■ 43.8408, 41.8697,
27.7475

■ 59.5612, 13.9957,
22.6279

■ 63.4273, 9.5473,
19.6400

■ 67.5029, 5.4562,
16.1606

■ 71.7662, 1.7058,
12.2558

■ 76.1983, -1.7276,
7.9832

■ 80.7825, -4.8704,
3.3917

■ 85.5045, -7.7497,
-1.4777

Harmonies

Analogous

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



49.4762, 51.1850, 18.7910



49.4749, 29.4132, 27.9036



49.4762, 1.8648, 30.4708

Triad

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



49.4762, 29.4097, 27.9042



49.4762, -43.1530, 6.7238



49.4762, 20.1505, -62.5264

Complementary

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



49.4749, 29.4132, 27.9036



51.0392, -8.6420, -38.7735

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.



49.4762, -6.9942, -71.6632



49.4749, 29.4132, 27.9036



49.4762, -40.2291, -21.7296

Square

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



49.4762, 29.4097, 27.9042



49.4762, -37.1836, 22.9378



49.4762, -28.1688, -53.9469



49.4762, 45.1139, -33.0717

Rectangle

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



49.4749, 29.4132, 27.9036



49.4762, -14.8234, 30.0983



49.4762, -28.1688, -53.9469



49.4762, 10.8441, -68.5557

Sweetspot

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



49.4762, 29.4097, 27.9042



87.0331, 4.5621, 17.9896



42.0556, 65.2570, -13.1670



39.3707, 2.9193, 9.1321

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.4762, 29.4097, 27.9042



56.3056, 48.9820, 35.0650



70.2896, -9.7088, 40.9617



35.4045, -0.5897, 4.0344



34.6800, 32.1989, 21.9334



9.0766, 5.4487, 5.6884

Inverse Universe

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



51.0392, -8.6420, -38.7735



58.1461, -5.0715, -60.7284



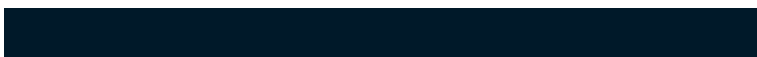
30.4738, 32.6965, -98.0109



35.5247, -3.0535, -0.2667



35.7702, -2.3452, -39.6471



9.3058, -1.8914, -7.5485

Previews

White Background



This preview shows how the HunterLab color 49.4749, 29.4132, 27.9036 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 49.4749, 29.4132, 27.9036 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 49.4749, 29.4132, 27.9036 Background



This preview shows how black text looks on a background with the HunterLab color 49.4749, 29.4132, 27.9036.



This preview shows how white text looks on a background with the HunterLab color 49.4749, 29.4132,

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

49.4749, 29.4132, 27.9036

Protanopia

49.5480, -5.9434, 26.2510

Deuteranopia

49.5024, 3.5576, 28.2665



Tritanopia

49.4050, 38.4258, 13.7531

Trichromacy



Original Color

49.4749, 29.4132, 27.9036

Protanomaly

49.0357, 6.2556, 26.5381

Deuteranomaly

49.1490, 13.0031, 27.8705

Tritanomaly

49.4180, 34.5003, 20.4923

Monochromacy



Original Color

49.4749, 29.4132, 27.9036

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.3888, 6.2703, 14.2260

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4749, 29.4132, 27.9036 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(209, 108, 46)` looks like.

```
.text, #text, p{  
    color:rgb(209, 108, 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(209, 108, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 108, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4749, 29.4132, 27.9036 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(209, 108, 46) }
```


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

```
.border{ border-color:rgb(209, 108, 46) }
```

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

Here you see how a box with a 4 pixel rgb(209, 108, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 108, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 108, 46);  
box-shadow:4px 4px 4px 4px rgb(209, 108,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4749, 29.4132, 27.9036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 108, 46) }
```

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

```
.background{ background-color: rgb(209,  
108, 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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