

Converting Colors

HunterLab(49.1832, 16.9210,
28.2688)

Have a look what the booklet for
HunterLab(49.1832, 16.9210,
28.2688) contains.

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Color

**HunterLab(49.1729, 16.7886,
28.2796)**

Conversions

Conversions Part 1

Format	Color
Hex	BF7627
RGB	191, 118, 39
RGB Percent	75%, 46%, 15%
CMY	0.2510, 0.5372, 0.8470
CMYK	0.00, 0.38, 0.80, 0.25
HSL	31°, 66%, 45%
HSV	31°, 80%, 75%
XYZ	28.3305, 24.1797, 5.0935
YIQ	130.8210, 68.8670, -9.0930

Conversions

Conversions Part 2

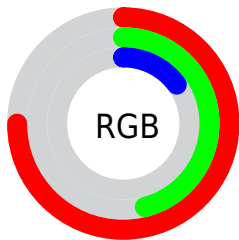
Format	Color
R_{YB}	179, 191, 39
Decimal	12547623
CIE _{Lab}	56.27, 22.50, 52.54
CIE _{LCh}	56, 57.149, 66.819
Yxy	24.1810, 0.4918, 0.4198
Android (android.graphics.Color)	4290737703 (0xFFBF7627)
YUV	130.8210, -45.2678, 52.7770
Hunter-Lab	49.1729, 16.7886, 28.2796

Details

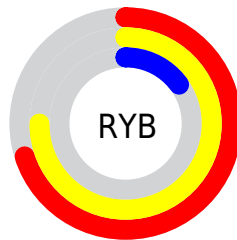
The HunterLab color **49.1729, 16.7886, 28.2796** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **39.7248, 2.5314, -49.0435**, and the grayscale version is **47.7251, -2.5465, 2.5930**.

A 20% lighter version of the original color is **70.8400, 18.0565, 35.8716**, and **30.2684, 15.6967, 18.9261** is the 20% darker color. If you saturate the color by 10%, you get **46.9342, 20.7872, 28.4542**, and if you desaturate by 10%, it is **51.5826, 13.0756, 27.3969**.

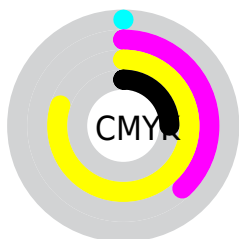
Distribution



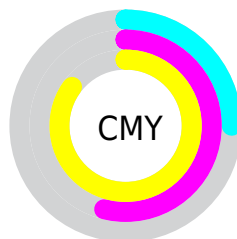
- Red (75%)
- Green (46%)
- Blue (15%)



- Red (70%)
- Yellow (75%)
- Blue (15%)



- Cyan (0%)
- Magenta (38%)
- Yellow (80%)
- Black (25%)



- Cyan (25%)
- Magenta (54%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1729, 16.7886, 28.2796 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 49.1729, 16.7886, 28.2796 by changing the saturation by 10% instead.

■ 49.1729, 16.7886,
28.2796

■ 49.1729, 16.7886,
28.2796

165.4492, 19.1287,
58.5837

■ 39.3293, 16.1232,
24.1495

■ 70.9404, 17.8119,
35.8990

■ 30.2464, 15.3426,
19.8025

■ 82.7801, 18.1968,
39.4544

■ 21.9958, 14.4259,
15.3970

■ 95.2139, 18.5070,
42.8761

■ 14.6718, 13.3534,
10.2702

■ 108.2144, 18.7489,
46.1849

■ 8.3305, 12.5204,
5.8313

■ 121.7581, 18.9278,
49.3974

0.0000, INF, NaN

0.0000, NaN, NaN

■ 135.8240, 19.0482,

52.5274

0.0000, NaN, NaN

150.3933, 19.1141,
55.5864

0.0000, NaN, NaN

■ 49.1729, 16.7886,
28.2796

■ 49.1729, 16.7886,
28.2796

■ 46.9342, 20.7872,
28.4542

■ 51.5826, 13.0756,
27.3969

■ 44.8636, 24.9944,
28.0518

■ 54.1500, 9.6874,
25.8077

■ 44.7797, 25.1714,
28.0337

■ 56.8660, 6.6331,
23.5422

■ 59.7200, 3.9115,
20.6439

■ 62.7019, 1.5129,
17.1618

■ 65.8018, -0.5780,
13.1462

■ 69.0109, -2.3792,
8.6457

■ 72.3209, -3.9106,
3.7056

■ 75.7244, -5.1918,
-1.6327

Harmonies

Analogous

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



49.1742, 39.7959, 22.3179



49.1729, 16.7886, 28.2796



49.1742, -7.9604, 29.2948

Triad

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



49.1742, 16.7857, 28.2801



49.1742, -40.4187, -2.7971



49.1742, 28.0282, -46.7021

Complementary

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



49.1729, 16.7886, 28.2796



39.7248, 2.5314, -49.0435

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.



49.1742, 2.9450, -63.4459



49.1729, 16.7886, 28.2796



49.1742, -34.2512, -31.3552

Square

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



49.1742, 16.7857, 28.2801



49.1742, -38.1187, 16.9536



49.1742, -19.4278, -56.7872



49.1742, 47.1038, -17.8091

Rectangle

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



49.1729, 16.7886, 28.2796



49.1742, -21.6759, 27.8797



49.1742, -19.4278, -56.7872



49.1742, 19.8527, -54.4394

Sweetspot

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



49.1742, 16.7857, 28.2801



86.0514, 0.5198, 20.2582



37.0241, 56.5189, -0.9639



39.6268, 0.7275, 10.3835



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



49.1742, 16.7857, 28.2801



60.8728, 31.7173, 37.7144



69.3963, -18.9396, 40.7900



32.1475, -1.1252, 3.9714



36.5243, 19.9007, 22.8545



8.0802, 2.1403, 5.0165

Inverse Universe

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



39.7248, 2.5314, -49.0435



46.4105, 12.4734, -83.9614



23.8649, 41.0022, -107.0327



31.5610, -2.1567, -0.6386



27.6236, 8.2612, -52.3605



6.5569, -0.3504, -7.4392

Previews

White Background



This preview shows how the HunterLab color 49.1729, 16.7886, 28.2796 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 49.1729, 16.7886, 28.2796 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 49.1729, 16.7886, 28.2796 Background



This preview shows how black text looks on a background with the HunterLab color 49.1729, 16.7886, 28.2796.



This preview shows how white text looks on a background with the HunterLab color 49.1729, 16.7886,

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

49.1729, 16.7886, 28.2796

Protanopia

49.4627, -6.4170, 27.5100

Deuteranopia

49.0976, 3.5157, 28.3951



Tritanopia

49.0530, 28.2433, 10.0042

Trichromacy



Original Color

49.1729, 16.7886, 28.2796

Protanomaly

48.9639, 1.7844, 27.5501

Deuteranomaly

48.9976, 8.5585, 28.3223

Tritanomaly

48.9907, 23.4141, 19.1596

Monochromacy



Original Color

49.1729, 16.7886, 28.2796

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.5141, 2.5138, 14.9028

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1729, 16.7886, 28.2796 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(191, 118, 39)` looks like.

```
.text, #text, p{  
    color:rgb(191, 118, 39)  
}
```

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(191, 118, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 118, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1729, 16.7886, 28.2796 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(191, 118, 39) }
```


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

```
.border{ border-color:rgb(191, 118, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 118, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 118, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 118, 39);  
box-shadow:4px 4px 4px 4px rgb(191, 118,  
39) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1729, 16.7886, 28.2796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 118, 39) }
```

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

```
.background{ background-color: rgb(191,  
118, 39) }
```

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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