

Converting Colors

HunterLab(47.0500, 8.4324,
29.1396)

Have a look what the booklet for
HunterLab(47.0500, 8.4324,
29.1396) contains.

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Color

**HunterLab(46.9871, 8.3022,
29.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7700
RGB	173, 119, 0
RGB Percent	68%, 47%, 0%
CMY	0.3216, 0.5333, 1.0000
CMYK	0.00, 0.31, 1.00, 0.32
HSL	41°, 100%, 34%
HSV	41°, 100%, 68%
XYZ	23.8304, 22.0779, 3.0054
YIQ	121.5800, 70.3830, -25.5610

Conversions

Conversions Part 2

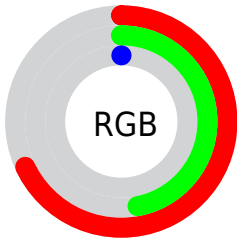
Format	Color
RYB	79, 173, 0
Decimal	11368192
CIELab	54.11, 13.08, 60.43
CIElCh	54, 61.835, 77.784
Yxy	22.0790, 0.4872, 0.4514
Android (android.graphics.Color)	4289558272 (0xFFAD7700)
YUV	121.5800, -59.9389, 45.0953
Hunter-Lab	46.9871, 8.3022, 29.0986

Details

The HunterLab color **46.9871, 8.3022, 29.0986** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **23.7815, 24.8995, -83.4746**, and the grayscale version is **44.1597, -2.3563, 2.3993**.

A 20% lighter version of the original color is **68.4418, 8.4142, 37.8558**, and **28.5505, 8.3277, 17.7385** is the 20% darker color. If you saturate the color by 10%, you get **46.9877, 8.3006, 29.0989**, and if you desaturate by 10%, it is **48.4175, 5.9452, 29.2738**.

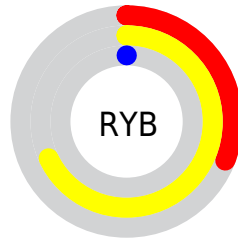
Distribution



Red (68%)

Green (47%)

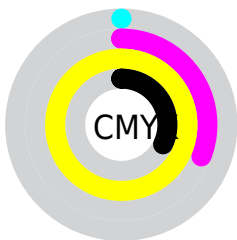
Blue (0%)



Red (31%)

Yellow (68%)

Blue (0%)

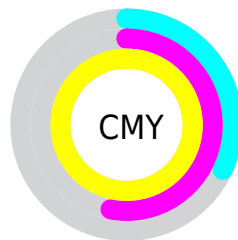


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9871, 8.3022, 29.0986 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 46.9871, 8.3022, 29.0986 by changing the saturation by 10% instead.

46.9871, 8.3022,
29.0986

46.9871, 8.3022,
29.0986

162.1600, 7.2851,
63.6277

37.3028, 8.0877,
24.3673

68.4664, 8.4819,
37.8441

28.3929, 7.7785,
19.8750

80.1741, 8.4699,
41.9167

20.3331, 7.3536,
14.2332

92.4820, 8.3979,
45.8266

13.2250, 6.7865,
9.2575

105.3624, 8.2708,
49.5971

6.7460, 8.0912,
4.7222

118.7908, 8.0927,
53.2475

0.0000, NaN, NaN

0.0000, NaN, NaN

132.7456, 7.8671,

56.7941

0.0000, NaN, NaN

147.2077, 7.5971,
60.2504

0.0000, NaN, NaN

46.9871, 8.3022,
29.0986

46.9871, 8.3022,
29.0986

46.9877, 8.3006,
29.0989

48.4175, 5.9452,
29.2738

49.9164, 3.7897,
28.9720

51.4938, 1.8975,
28.0355

53.1502, 0.2855,
26.4377

54.8844, -1.0386,
24.1745

■ 56.6946, -2.0739,
21.2562

■ 58.5785, -2.8243,
17.7028

■ 60.5334, -3.2969,
13.5404

■ 62.5564, -3.5015,
8.7988

Harmonies

Analogous

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



46.9883, 35.0993, 25.6222



46.9871, 8.3022, 29.0986



46.9883, -16.5415, 28.7988

Triad

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



46.9883, 8.2997, 29.0990



46.9883, -40.6176, -13.9976



46.9883, 39.5026, -40.7040

Complementary

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



46.9871, 8.3022, 29.0986



23.7815, 24.8995, -83.4746

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.



46.9883, 13.3903, -66.8657



46.9871, 8.3022, 29.0986



46.9883, -31.0773, -46.6299

Square

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



46.9883, 8.2997, 29.0990



46.9883, -41.4102, 11.3800



46.9883, -12.4224, -69.4765



46.9883, 55.5201, -8.3970

Rectangle

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



46.9871, 8.3022, 29.0986



46.9883, -28.8903, 26.4789



46.9883, -12.4224, -69.4765



46.9883, 31.3883, -51.1109

Sweetspot

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



46.9883, 8.2997, 29.0990



78.2584, -3.7360, 23.9632



30.2624, 52.7287, 12.5414



35.9996, -1.5686, 12.1119



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



46.9883, 8.2997, 29.0990



62.5632, 11.7139, 38.7562



59.6444, -26.6373, 36.2861



29.8362, -1.6684, 4.0215



40.4047, 6.8682, 25.0174



7.3883, -0.0196, 4.5523

Inverse Universe

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



23.7815, 24.8995, -83.4746



31.2871, 34.8282, -114.2902



18.2206, 47.7594, -116.5830



28.5480, -1.3433, -1.0258



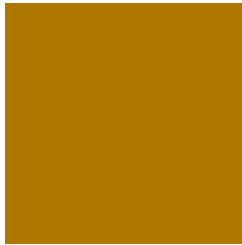
20.6064, 20.7308, -70.5080



4.6601, 0.7278, -7.3958

Previews

White Background



This preview shows how the HunterLab color 46.9871, 8.3022, 29.0986 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 46.9871, 8.3022, 29.0986 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 46.9871, 8.3022, 29.0986 Background



This preview shows how black text looks on a background with the HunterLab color 46.9871, 8.3022, 29.0986.



This preview shows how white text looks on a background with the HunterLab color 46.9871, 8.3022,

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

46.9871, 8.3022, 29.0986

Protanopia

47.0111, -6.7206, 28.4510

Deuteranopia

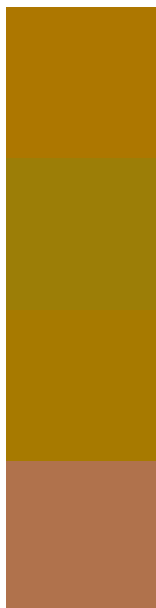
46.9664, 2.9146, 28.9915



Tritanopia

47.0805, 21.3954, 7.4066

Trichromacy



Original Color

46.9871, 8.3022, 29.0986

Protanomaly

46.9095, -1.3851, 28.6271

Deuteranomaly

47.0474, 4.5352, 29.0698

Tritanomaly

46.6761, 14.7882, 20.3352

Monochromacy



Original Color

46.9871, 8.3022, 29.0986

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.5954, -1.2030, 17.8757

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9871, 8.3022, 29.0986 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(173, 119, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 119, 0)  
}
```

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(173, 119, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 119, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9871, 8.3022, 29.0986 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(173, 119, 0) }
```


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

```
.border{ border-color:rgb(173, 119, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 119, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 119, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 119, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 119,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9871, 8.3022, 29.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 119, 0) }
```

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

```
.background{ background-color: rgb(173,  
119, 0) }
```

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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