

Converting Colors

HunterLab(47.0492, 42.3979,
29.2472)

Have a look what the booklet for
HunterLab(47.0492, 42.3979,
29.2472) contains.

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Color

**HunterLab(46.9772, 42.3286,
29.2076)**

Conversions

Conversions Part 1

Format	Color
Hex	DB580D
RGB	219, 88, 13
RGB Percent	86%, 35%, 5%
CMY	0.1412, 0.6549, 0.9490
CMYK	0.00, 0.60, 0.94, 0.14
HSL	22°, 89%, 45%
HSV	22°, 94%, 86%
XYZ	32.7758, 22.0686, 2.9130
YIQ	118.6190, 102.1510, 4.4470

Conversions

Conversions Part 2

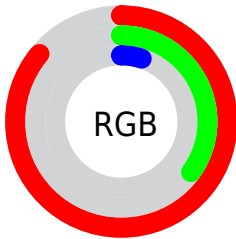
Format	Color
RYB	219, 131, 13
Decimal	14374925
CIELab	54.10, 48.47, 61.04
CIElCh	54, 77.945, 51.552
Yxy	22.0698, 0.5675, 0.3821
Android (android.graphics.Color)	4292565005 (0xFFDB580D)
YUV	118.6190, -52.0702, 88.0341
Hunter-Lab	46.9772, 42.3286, 29.2076

Details

The HunterLab color **46.9772, 42.3286, 29.2076** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **50.1448, -6.1488, -48.4484**, and the grayscale version is **42.9719, -2.2929, 2.3347**.

A 20% lighter version of the original color is **64.0591, 32.7583, 34.8353**, and **28.5581, 39.1179, 18.2822** is the 20% darker color. If you saturate the color by 10%, you get **45.5622, 45.8791, 28.8784**, and if you desaturate by 10%, it is **49.6695, 36.2007, 29.3507**.

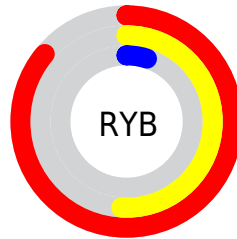
Distribution



Red (86%)

Green (35%)

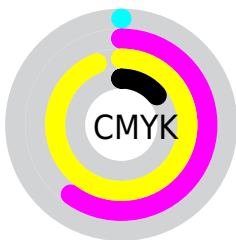
Blue (5%)



Red (86%)

Yellow (51%)

Blue (5%)

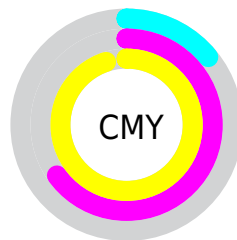


Cyan (0%)

Magenta (60%)

Yellow (94%)

Black (14%)



Cyan (14%)

Magenta (65%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9772, 42.3286, 29.2076 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 46.9772, 42.3286, 29.2076 by changing the saturation by 10% instead.

46.9772, 42.3286,
29.2076

46.9772, 42.3286,
29.2076

162.1452, 53.4664,
64.0466

37.2937, 40.5785,
24.4355

68.4554, 45.4769,
38.0332

28.3846, 38.7286,
19.8692

80.1624, 46.8899,
42.1433

20.3257, 36.8160,
14.2280

92.4698, 48.2023,
46.0891

13.2186, 34.9829,
9.2530

105.3496, 49.4205,
49.8937

6.7380, 37.8885,
4.7166

118.7775, 50.5506,
53.5767


0.0000, INF, NaN

0.0000, NaN, NaN

132.7318, 51.5983,

57.1545


0.0000, NaN, NaN


 147.1935, 52.5687,
60.6406


0.0000, NaN, NaN


 46.9772, 42.3286,
29.2076


 46.9772, 42.3286,
29.2076

 45.5622, 45.8791,
28.8784

 49.6695, 36.2007,
29.3507

 52.7371, 30.1559,
28.7012

 56.1504, 24.3430,
27.2746

 59.8759, 18.8535,
25.1345

 63.8812, 13.7327,
22.3625

■ 68.1362, 8.9930,
19.0418

■ 72.6139, 4.6260,
15.2493

■ 77.2905, 0.6112,
11.0520

■ 82.1457, -3.0784,
6.5071

Harmonies

Analogous

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



46.9785, 69.7238, 19.4086



46.9772, 42.3286, 29.2076



46.9785, 6.8997, 31.4451

Triad

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



46.9785, 42.3245, 29.2082



46.9785, -49.2771, 10.3860



46.9785, 22.3645, -91.2934

Complementary

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



46.9772, 42.3286, 29.2076



50.1448, -6.1488, -48.4484

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.



46.9785, -11.2313, -100.3769



46.9772, 42.3286, 29.2076



46.9785, -47.2141, -24.5070

Square

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



46.9785, 42.3245, 29.2082



46.9785, -41.7140, 26.3668



46.9785, -35.0393, -70.5131



46.9785, 56.2145, -50.5125

Rectangle

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



46.9772, 42.3286, 29.2076



46.9785, -14.2346, 31.3715



46.9785, -35.0393, -70.5131



46.9785, 10.4925, -98.9013

Sweetspot

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



46.9785, 42.3245, 29.2082



84.0229, 7.6116, 20.0637



41.7748, 74.8043, -12.0684



37.8083, 4.5779, 10.1760

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.9785, 42.3245, 29.2082



53.9091, 55.1266, 34.1836



71.4830, -7.0064, 43.6089



37.1805, -0.5308, 4.2029



35.3554, 34.5955, 22.3915



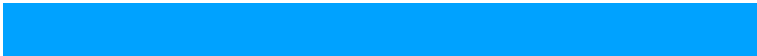
9.8517, 6.6442, 6.1869

Inverse Universe

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



50.1448, -6.1488, -48.4484



57.5452, -4.5534, -62.0970



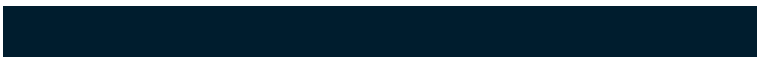
26.4465, 47.1933, -133.1225



37.4042, -3.2972, -0.2348



37.7379, -3.6716, -39.2433



10.4135, -2.1942, -8.2794

Previews

White Background



This preview shows how the HunterLab color 46.9772, 42.3286, 29.2076 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 46.9772, 42.3286, 29.2076 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 46.9772, 42.3286, 29.2076 Background



This preview shows how black text looks on a background with the HunterLab color 46.9772, 42.3286, 29.2076.



This preview shows how white text looks on a background with the HunterLab color 46.9772, 42.3286,

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

46.9772, 42.3286, 29.2076

Protanopia

47.0647, -6.4223, 27.6575

Deuteranopia

46.9664, 2.9146, 28.9915



Tritanopia

47.0052, 48.9673, 18.4482

Trichromacy



Original Color

46.9772, 42.3286, 29.2076

Protanomaly

46.0433, 10.5274, 27.6424

Deuteranomaly

46.2095, 17.1356, 28.5898

Tritanomaly

46.7788, 45.9719, 24.2113

Monochromacy



Original Color

46.9772, 42.3286, 29.2076

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

42.7468, 10.0782, 15.9902

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9772, 42.3286, 29.2076 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(219, 88, 13)` looks like.

```
.text, #text, p{  
    color:rgb(219, 88, 13)  
}
```

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(219, 88, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 88, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9772, 42.3286, 29.2076 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(219, 88, 13) }
```


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

```
.border{ border-color:rgb(219, 88, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 88, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 88, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 88, 13);  
box-shadow:4px 4px 4px 4px rgb(219, 88,  
13) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9772, 42.3286, 29.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 88, 13) }
```

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

```
.background{ background-color: rgb(219, 88,  
13) }
```

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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