

Converting Colors

HunterLab(46.2593, 47.4902,
29.3362)

Have a look what the booklet for
HunterLab(46.2593, 47.4902,
29.3362) contains.

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Color

**HunterLab(46.2875, 47.4132,
29.3522)**

Conversions

Conversions Part 1

Format	Color
Hex	DF5000
RGB	223, 80, 0
RGB Percent	87%, 31%, 0%
CMY	0.1255, 0.6862, 1.0000
CMYK	0.00, 0.64, 1.00, 0.13
HSL	22°, 100%, 44%
HSV	22°, 100%, 87%
XYZ	33.3001, 21.4253, 2.3804
YIQ	113.6370, 110.9080, 5.4360

Conversions

Conversions Part 2

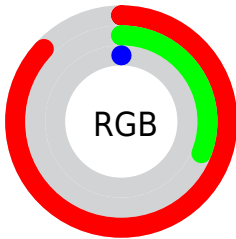
Format	Color
RYB	223, 125, 0
Decimal	14635008
CIELab	53.41, 53.29, 63.75
CIELCh	53, 83.092, 50.108
Yxy	21.4266, 0.5831, 0.3752
Android (android.graphics.Color)	4292825088 (0xFFDF5000)
YUV	113.6370, -56.0230, 95.9114
Hunter-Lab	46.2875, 47.4132, 29.3522

Details

The HunterLab color **46.2875, 47.4132, 29.3522** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **49.9707, -4.7878, -52.1232**, and the grayscale version is **41.0613, -2.1909, 2.2309**.

A 20% lighter version of the original color is **62.3985, 36.0475, 34.7504**, and **27.9348, 43.8592, 17.9811** is the 20% darker color. If you saturate the color by 10%, you get **46.2885, 47.4098, 29.3527**, and if you desaturate by 10%, it is **48.7928, 41.2242, 29.8465**.

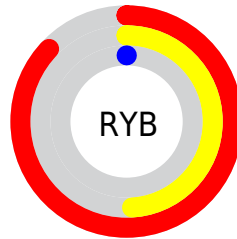
Distribution



Red (87%)

Green (31%)

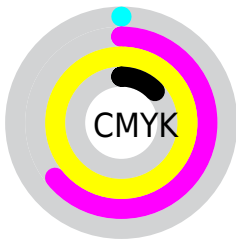
Blue (0%)



Red (87%)

Yellow (49%)

Blue (0%)

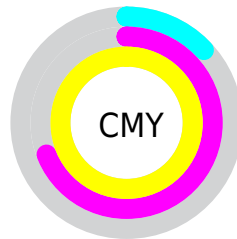


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.2875, 47.4132, 29.3522 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 46.2875, 47.4132, 29.3522 by changing the saturation by 10% instead.

46.2875, 47.4132,
29.3522

46.2875, 47.4132,
29.3522

161.1015, 60.0480,
65.6510

36.6554, 45.5043,
24.4037

67.6730, 50.9010,
38.5593

27.8021, 43.5178,
19.4615

79.3376, 52.4861,
42.8477

19.8051, 41.5188,
13.8635

91.6047, 53.9692,
46.9628

12.7681, 39.7248,
8.9377

104.4460, 55.3560,
50.9281

6.1471, 45.9783,
4.3030

117.8368, 56.6521,
54.7638


0.0000, INF, NaN

0.0000, NaN, NaN


131.7556, 57.8629,


58.4870


0.0000, NaN, NaN


 146.1829, 58.9933,
62.1121


0.0000, NaN, NaN


 46.2875, 47.4132,
29.3522


 46.2875, 47.4132,
29.3522


 46.2885, 47.4098,
29.3527

 48.7928, 41.2242,
29.8465

 51.6992, 34.9415,
29.6671

 54.9862, 28.7972,
28.6769

 58.6196, 22.9266,
26.9179

 62.5644, 17.4063,
24.4666

■ 66.7871, 12.2697,
21.4100

■ 71.2574, 7.5210,
17.8318

■ 75.9485, 3.1460,
13.8072

■ 80.8369, -0.8794,
9.4007

Harmonies

Analogous

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



46.2889, 76.3858, 19.2164



46.2875, 47.4132, 29.3522



46.2889, 9.3131, 31.4856

Triad

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



46.2889, 47.4088, 29.3528



46.2889, -50.9030, 11.9878



46.2889, 22.2376, -102.3164

Complementary

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



46.2875, 47.4132, 29.3522



49.9707, -4.7878, -52.1232

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.



46.2889, -13.1852, -110.2969



46.2875, 47.4132, 29.3522



46.2889, -49.2837, -24.3921

Square

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



46.2889, 47.4088, 29.3528



46.2889, -42.7365, 27.3014



46.2889, -37.4051, -75.1916



46.2889, 59.1855, -57.8121

Rectangle

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



46.2875, 47.4132, 29.3522



46.2889, -13.4047, 31.4807



46.2889, -37.4051, -75.1916



46.2889, 9.5794, -110.1816

Sweetspot

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



46.2889, 47.4088, 29.3528



82.8320, 8.8755, 20.8587



42.1079, 76.9618, -10.3969



37.2850, 5.1694, 10.4980

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.2889, 47.4088, 29.3528



53.6898, 55.7287, 34.0590



72.3326, -6.2851, 44.4609



38.0806, -0.5124, 4.2950



35.7678, 35.6085, 22.6633



10.2579, 7.2229, 6.4473

Inverse Universe

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



49.9707, -4.7878, -52.1232



57.9625, -5.2337, -61.1500



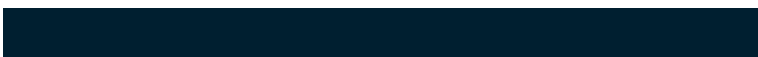
25.3786, 53.1823, -146.5259



38.3430, -3.4087, -0.2270



38.6050, -4.1349, -39.3268



10.9573, -2.3214, -8.6844

Previews

White Background



This preview shows how the HunterLab color 46.2875, 47.4132, 29.3522 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 46.2875, 47.4132, 29.3522 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 46.2875, 47.4132, 29.3522 Background



This preview shows how black text looks on a background with the HunterLab color 46.2875, 47.4132, 29.3522.



This preview shows how white text looks on a background with the HunterLab color 46.2875, 47.4132,

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

46.2875, 47.4132, 29.3522

Protanopia

46.5743, -6.7447, 27.5489

Deuteranopia

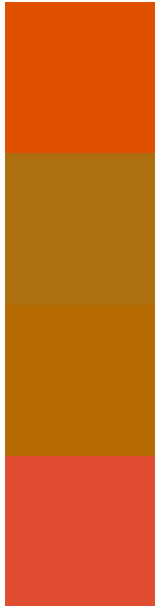
46.4763, 2.6228, 28.6844



Tritanopia

46.4803, 52.9893, 20.1329

Trichromacy



Original Color

46.2875, 47.4132, 29.3522

Protanomaly

45.0418, 12.3425, 27.3757

Deuteranomaly

45.5036, 18.5355, 28.3636

Tritanomaly

46.2443, 50.1948, 25.5054

Monochromacy



Original Color

46.2875, 47.4132, 29.3522

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

41.0534, 11.9877, 16.4034

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2875, 47.4132, 29.3522 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(223, 80, 0)` looks like.

```
.text, #text, p{  
    color:rgb(223, 80, 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(223, 80, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 80, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2875, 47.4132, 29.3522 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(223, 80, 0) }
```


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

```
.border{ border-color:rgb(223, 80, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 80, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 80, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 80, 0);  
box-shadow:4px 4px 4px 4px rgb(223, 80, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.2875, 47.4132, 29.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 80, 0) }
```

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

```
.background{ background-color: rgb(223, 80,  
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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