

Converting Colors

HunterLab(46.0013, 76.1766,
29.6794)

Have a look what the booklet for
HunterLab(46.0013, 76.1766,
29.6794) contains.

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Color

**HunterLab(46.0013, 76.1766,
29.6794)**

Conversions

Conversions Part 1

Format	Color
Hex	FC1300
RGB	252, 19, 0
RGB Percent	99%, 7%, 0%
CMY	0.0118, 0.9253, 1.0000
CMYK	0.00, 0.92, 1.00, 0.01
HSL	5°, 100%, 49%
HSV	5°, 100%, 99%
XYZ	40.3778, 21.1612, 1.9564
YIQ	86.5010, 144.9670, 43.4870

Conversions

Conversions Part 2

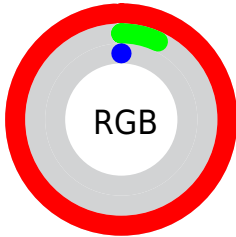
Format	Color
RYB	252, 21, 0
Decimal	16519936
CIELab	53.13, 77.91, 66.80
CIELCh	53, 102.626, 40.609
Yxy	21.1626, 0.6359, 0.3333
Android (android.graphics.Color)	4294710016 (0xFFFC1300)
YUV	86.5010, -42.6450, 145.1426
Hunter-Lab	46.0013, 76.1766, 29.6794

Details

The HunterLab color **46.0013, 76.1766, 29.6794** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **80.7965, -38.2287, -18.4637**, and the grayscale version is **30.8119, -1.6440, 1.6741**.

A 20% lighter version of the original color is **55.3987, 53.1590, 30.6387**, and **31.9223, 54.6680, 20.6274** is the 20% darker color. If you saturate the color by 10%, you get **46.0027, 76.1708, 29.6802**, and if you desaturate by 10%, it is **47.3778, 72.1716, 29.2922**.

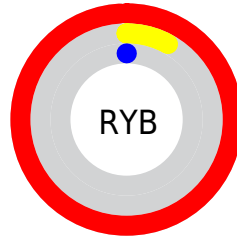
Distribution



Red (99%)

Green (7%)

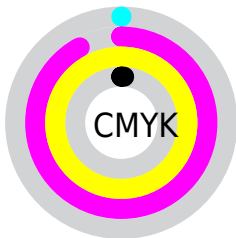
Blue (0%)



Red (99%)

Yellow (8%)

Blue (0%)

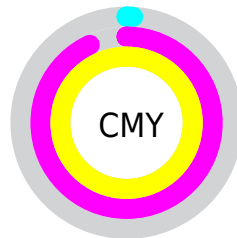


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (1%)



Cyan (1%)


Magenta (93%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 46.0013, 76.1766, 29.6794 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 46.0013, 76.1766, 29.6794 by changing the saturation by 10% instead.

 46.0013, 76.1766,
29.6794


 46.0013, 76.1766,
29.6794


 160.6677, 95.2592,
67.5574


 36.3908, 73.7523,
24.6126


 67.3483, 80.9730,
39.2894


 27.5609, 71.4593,
19.2926


 78.9952, 83.2767,
43.7693


 19.5897, 69.5700,
13.7128

 91.2454, 85.4953,
48.0675

 12.5822, 68.8332,
8.8075

 104.0706, 87.6244,
52.2077

 5.8836, 84.8217,
4.1185

 117.4460, 89.6634,
56.2106


0.0000, INF, NaN

0.0000, INF, NaN


 131.3499, 91.6138,


60.0936


0.0000, NaN, NaN


 145.7630, 93.4781,
63.8716


0.0000, NaN, NaN


 46.0013, 76.1766,
29.6794


 46.0013, 76.1766,
29.6794


 46.0027, 76.1708,
29.6802

 47.3778, 72.1716,
29.2922

 49.7826, 65.8273,
28.1801

 53.2399, 57.7101,
26.2828

 57.6797, 48.5428,
23.7887

 62.9887, 38.9646,
20.9157

■ 69.0434, 29.4170,
17.8436

■ 75.7286, 20.1491,
14.6953

■ 82.9453, 11.2702,
11.5435

■ 90.6121, 2.8054,
8.4264

Harmonies

Analogous

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



46.0028, 106.6734, 14.5071



46.0013, 76.1766, 29.6794



46.0028, 27.4971, 32.2019

Triad

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



46.0028, 76.1707, 29.6802



46.0028, -56.4898, 21.3870



46.0028, 13.3515, -154.7237

Complementary

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



46.0013, 76.1766, 29.6794



80.7965, -38.2287, -18.4637

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.



46.0028, -26.2873, -144.5492



46.0013, 76.1766, 29.6794



46.0028, -57.9173, -13.9770

Square

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



46.0028, 76.1707, 29.6802



46.0028, -44.0602, 30.9686



46.0028, -49.0673, -80.6442



46.0028, 62.6818, -102.1038

Rectangle

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



46.0013, 76.1766, 29.6794



46.0028, -3.3110, 32.2019



46.0028, -49.0673, -80.6442



46.0028, -1.5969, -159.2147

Sweetspot

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



46.0028, 76.1707, 29.6802



76.7414, 20.4397, 14.9005



51.6769, 100.1271, -56.7537



34.1489, 11.2695, 7.5182

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.0028, 76.1707, 29.6802



46.6208, 77.2212, 30.0794



63.4667, 29.3812, 39.6222



41.7562, 1.0946, 3.7939



33.3191, 54.5830, 21.4866



10.4826, 15.4903, 6.7305

Inverse Universe

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



80.7965, -38.2287, -18.4637



81.8872, -38.7415, -18.7200



42.4362, 22.7369, -102.1238



44.0123, -5.4508, 0.9103



58.3981, -27.6952, -13.2065



17.9541, -8.6533, -3.7610

Previews

White Background



This preview shows how the HunterLab color 46.0013, 76.1766, 29.6794 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 46.0013, 76.1766, 29.6794 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 46.0013, 76.1766, 29.6794 Background



This preview shows how black text looks on a background with the HunterLab color 46.0013, 76.1766, 29.6794.



This preview shows how white text looks on a background with the HunterLab color 46.0013, 76.1766,

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

46.0013, 76.1766, 29.6794

Protanopia

46.3378, -6.0456, 26.6988

Tritanopia

45.9163, 75.4213, 29.6138

Trichromacy



Original Color

46.0013, 76.1766, 29.6794

Protanomaly

41.3488, 27.5525, 25.0123

Tritanomaly

45.8754, 75.5585, 29.5910

Monochromacy



Original Color

46.0013, 76.1766, 29.6794

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

31.5026, 26.7178, 13.0769

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.0013, 76.1766, 29.6794 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(252, 19, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 19, 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(252, 19, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 19, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.0013, 76.1766, 29.6794 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(252, 19, 0) }
```

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

```
.border{ border-color:rgb(252, 19, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 19, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 19, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 19, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 19, 0)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 46.0013, 76.1766, 29.6794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 19, 0) }
```

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

```
.background{ background-color: rgb(252, 19,  
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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