

Converting Colors

HunterLab(46.9005, 76.4892,
29.7886)

Have a look what the booklet for
HunterLab(46.9005, 76.4892,
29.7886) contains.

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Color

**HunterLab(46.8848, 76.5371,
29.7902)**

Conversions

Conversions Part 1

Format	Color
Hex	FF190C
RGB	255, 25, 12
RGB Percent	100%, 10%, 5%
CMY	0.0000, 0.9018, 0.9529
CMYK	0.00, 0.90, 0.95, 0.00
HSL	3°, 100%, 52%
HSV	3°, 95%, 100%
XYZ	41.6541, 21.9818, 2.3954
YIQ	92.2880, 141.2530, 44.7170

Conversions

Conversions Part 2

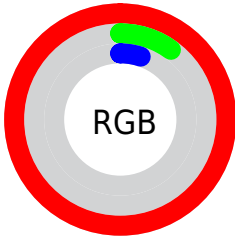
Format	Color
RYB	255, 26, 12
Decimal	16718092
CIELab	54.01, 78.03, 64.66
CIELCh	54, 101.339, 39.649
Yxy	21.9833, 0.6308, 0.3329
Android (android.graphics.Color)	4294908172 (0xFFFF190C)
YUV	92.2880, -39.5820, 142.6984
Hunter-Lab	46.8848, 76.5371, 29.7902

Details

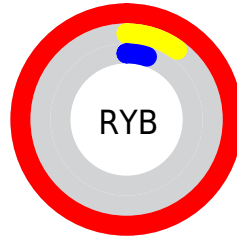
The HunterLab color **46.8848, 76.5371, 29.7902** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **84.1318, -41.2674, -15.5531**, and the grayscale version is **32.9337, -1.7573, 1.7893**.

A 20% lighter version of the original color is **55.9945, 52.0715, 29.9575**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **46.4385, 77.8367, 29.9778**, and if you desaturate by 10%, it is **48.5875, 71.7949, 29.0096**.

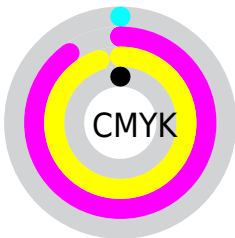
Distribution



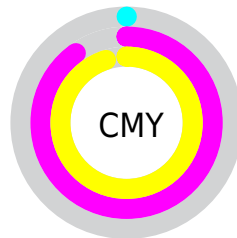
- Red (100%)
- Green (10%)
- Blue (5%)



- Red (100%)
- Yellow (10%)
- Blue (5%)



- Cyan (0%)
- Magenta (90%)
- Yellow (95%)
- Black (0%)





- Cyan (0%)
- Magenta (90%)
- Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 46.8848, 76.5371, 29.7902 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 46.8848, 76.5371, 29.7902 by changing the saturation by 10% instead.

 46.8848, 76.5371,
29.7902


 46.8848, 76.5371,
29.7902


162.0058, 95.5847,
66.4692


 37.2083, 74.1073,
24.7964


 68.3508, 81.3299,
39.0873


 28.3066, 71.7955,
19.8146


 80.0522, 83.6293,
43.4202


 20.2560, 69.8538,
14.1792

 92.3542, 85.8431,
47.5789

 13.1582, 68.9660,
9.2107

 105.2289, 87.9674,
51.5868

 6.6622, 78.6550,
4.6635

 118.6518, 90.0017,
55.4641


0.0000, INF, NaN

0.0000, INF, NaN


 132.6014, 91.9476,


59.2278


0.0000, NaN, NaN

 147.0584, 93.8076,
62.8921


0.0000, NaN, NaN


 46.8848, 76.5371,
29.7902


 46.8848, 76.5371,
29.7902


 46.4385, 77.8367,
29.9778

 48.5875, 71.7949,
29.0096

 51.4038, 64.7065,
27.3831

 55.3195, 55.9333,
25.0543

 60.2390, 46.2482,
22.2592

 66.0328, 36.2789,
19.2192

■ 72.5687, 26.4291,
16.0946

■ 79.7284, 16.9090,
12.9828

■ 87.4124, 7.7992,
9.9338

■ 95.5404, -0.8938,
6.9679

Harmonies

Analogous

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



46.8863, 105.5455, 13.6167



46.8848, 76.5371, 29.7902



46.8863, 28.7472, 32.8204

Triad

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



46.8863, 76.5312, 29.7910



46.8863, -56.4674, 22.0768



46.8863, 11.6991, -151.9717

Complementary

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



46.8848, 76.5371, 29.7902



84.1318, -41.2674, -15.5531

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.



46.8863, -27.2461, -139.9500



46.8848, 76.5371, 29.7902



46.8863, -58.2407, -12.1089

Square

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



46.8863, 76.5312, 29.7910



46.8863, -43.4658, 31.4825



46.8863, -49.6295, -76.8055



46.8863, 60.3727, -102.2663

Rectangle

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



46.8848, 76.5371, 29.7902



46.8863, -2.0128, 32.8204



46.8863, -49.6295, -76.8055



46.8863, -2.9936, -155.5932

Sweetspot

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



46.8863, 76.5312, 29.7910



77.0085, 20.3925, 14.1310



52.9007, 101.5312, -60.5272



34.2235, 11.3202, 7.1528

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.8863, 76.5312, 29.7910



46.4387, 77.8370, 29.9780



64.6039, 29.3234, 40.0027



42.5949, 1.2574, 3.7967



33.6623, 55.9475, 21.7220



10.7511, 16.6370, 6.9160

Inverse Universe

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



84.1318, -41.2674, -15.5531



83.8578, -41.1710, -15.9385



45.8894, 17.2558, -93.6553



45.0606, -5.7042, 1.0217



60.6769, -29.8338, -11.4381



19.0625, -9.4668, -3.3903

Previews

White Background



This preview shows how the HunterLab color 46.8848, 76.5371, 29.7902 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 46.8848, 76.5371, 29.7902 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 46.8848, 76.5371, 29.7902 Background



This preview shows how black text looks on a background with the HunterLab color 46.8848, 76.5371, 29.7902.



This preview shows how white text looks on a background with the HunterLab color 46.8848, 76.5371,

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

46.8848, 76.5371, 29.7902

Protanopia

47.1207, -6.1108, 26.8285

Deuteranopia

46.9664, 2.9146, 28.9915



Tritanopia

46.8874, 76.5472, 29.7504

Trichromacy



Original Color

46.8848, 76.5371, 29.7902

Protanomaly

42.6292, 27.0433, 25.2992

Deuteranomaly

43.2383, 33.5513, 27.0731

Tritanomaly

46.8874, 76.5472, 29.7504

Monochromacy



Original Color

46.8848, 76.5371, 29.7902

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.2753, 26.1324, 12.5824

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.8848, 76.5371, 29.7902 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(255, 25, 12)` looks like.

```
.text, #text, p{  
    color:rgb(255, 25, 12)  
}
```

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(255, 25, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 25, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 46.8848, 76.5371, 29.7902 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(255, 25, 12) }
```


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

```
.border{ border-color:rgb(255, 25, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 25, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 25, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 25, 12);  
box-shadow:4px 4px 4px 4px rgb(255, 25,  
12) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.8848, 76.5371, 29.7902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 25, 12) }
```

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

```
.background{ background-color: rgb(255, 25,  
12) }
```

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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