

Converting Colors

HunterLab(47.0311, 71.0028,
30.0492)

Have a look what the booklet for
HunterLab(47.0311, 71.0028,
30.0492) contains.

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Color

**HunterLab(46.9710, 71.0091,
30.0052)**

Conversions

Conversions Part 1

Format	Color
Hex	FA2B05
RGB	250, 43, 5
RGB Percent	98%, 17%, 2%
CMY	0.0196, 0.8313, 0.9804
CMYK	0.00, 0.83, 0.98, 0.02
HSL	9°, 96%, 50%
HSV	9°, 98%, 98%
XYZ	40.3157, 22.0627, 2.2772
YIQ	100.5610, 135.5700, 32.0660

Conversions

Conversions Part 2

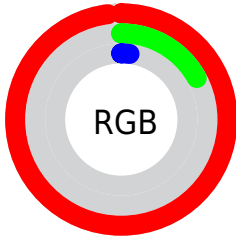
Format	Color
RYB	250, 50, 5
Decimal	16395013
CIELab	54.09, 73.55, 65.75
CIElCh	54, 98.649, 41.796
Yxy	22.0641, 0.6235, 0.3412
Android (android.graphics.Color)	4294585093 (0xFFFA2B05)
YUV	100.5610, -47.1116, 131.0580
Hunter-Lab	46.9710, 71.0091, 30.0052

Details

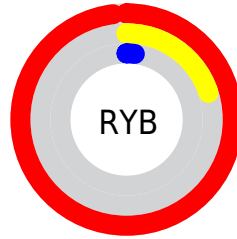
The HunterLab color **46.9710, 71.0091, 30.0052** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **73.4925, -29.3791, -28.1925**, and the grayscale version is **36.0491, -1.9235, 1.9586**.

A 20% lighter version of the original color is **57.2457, 48.5960, 31.2548**, and **31.7290, 54.3368, 20.5025** is the 20% darker color. If you saturate the color by 10%, you get **46.6492, 71.9679, 30.0049**, and if you desaturate by 10%, it is **49.0922, 64.9829, 29.9044**.

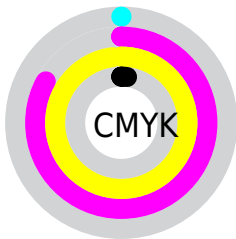
Distribution



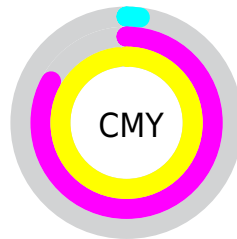
- Red (98%)
- Green (17%)
- Blue (2%)



- Red (98%)
- Yellow (20%)
- Blue (2%)



- Cyan (0%)
- Magenta (83%)
- Yellow (98%)
- Black (2%)





- Cyan (2%)
- Magenta (83%)
- Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 46.9710, 71.0091, 30.0052 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 46.9710, 71.0091, 30.0052 by changing the saturation by 10% instead.


 46.9710, 71.0091,
30.0052


 46.9710, 71.0091,
30.0052


162.1361, 88.9983,
67.2192


 37.2881, 68.6416,
24.9591


 68.4485, 75.6071,
39.4368


 28.3795, 66.3424,
19.8656


 80.1552, 77.7913,
43.8342


 20.3211, 64.3171,
14.2248

 92.4622, 79.8843,
48.0548

 13.2146, 63.1328,
9.2502

 105.3417, 81.8846,
52.1221

 6.7331, 71.0363,
4.7131

 118.7692, 83.7933,
56.0563


0.0000, INF, NaN

0.0000, INF, NaN


 132.7232, 85.6129,


59.8746


0.0000, NaN, NaN


 147.1846, 87.3468,
63.5915


0.0000, NaN, NaN


 46.9710, 71.0091,
30.0052


 46.9710, 71.0091,
30.0052


 46.6492, 71.9679,
30.0049

 49.0922, 64.9829,
29.9044

 52.0942, 57.4859,
28.9926

 55.9376, 49.1072,
27.2835

 60.5416, 40.3762,
24.9234

 65.8115, 31.6773,
22.0803

71.6547, 23.2425,
18.9003

77.9882, 15.1854,
15.4938

84.7414, 7.5419,
11.9379

91.8555, 0.3029,
8.2837

Harmonies

Analogous

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



46.9725, 100.9283, 15.3447



46.9710, 71.0091, 30.0052



46.9725, 24.4500, 32.8807

Triad

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



46.9725, 71.0035, 30.0059



46.9725, -56.0409, 20.3424



46.9725, 14.5375, -143.6833

Complementary

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



46.9710, 71.0091, 30.0052



73.4925, -29.3791, -28.1925

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.



46.9725, -24.4927, -136.8204



46.9710, 71.0091, 30.0052



46.9725, -57.1010, -15.2970

Square

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



46.9725, 71.0035, 30.0059



46.9725, -44.0347, 31.0618



46.9725, -47.6887, -78.7409



46.9725, 61.6598, -93.3279

Rectangle

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



46.9710, 71.0091, 30.0052



46.9725, -4.9301, 32.8807



46.9725, -47.6887, -78.7409



46.9725, -0.0376, -148.6870

Sweetspot

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



46.9725, 71.0035, 30.0059



79.0752, 16.3616, 16.2140



50.2486, 95.0825, -41.8464



35.2870, 9.1826, 8.1967

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.9725, 71.0035, 30.0059



47.6958, 73.6580, 30.6794



68.5386, 17.4947, 42.4152



42.0237, 0.6303, 4.0904



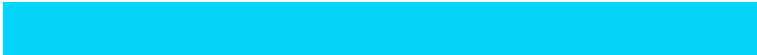
34.1660, 51.7956, 21.9597



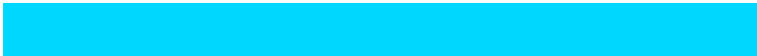
10.9755, 13.9684, 7.0076

Inverse Universe

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



73.4925, -29.3791, -28.1925



74.8595, -29.7603, -29.3239



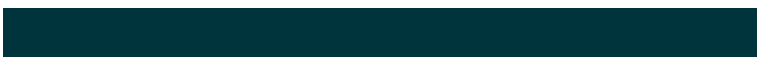
37.9132, 32.7000, -117.5020



43.7295, -4.9996, 0.5751



53.4800, -21.4198, -20.6062



16.6392, -6.9930, -5.7017

Previews

White Background



This preview shows how the HunterLab color 46.9710, 71.0091, 30.0052 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 46.9710, 71.0091, 30.0052 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 46.9710, 71.0091, 30.0052 Background



This preview shows how black text looks on a background with the HunterLab color 46.9710, 71.0091, 30.0052.



This preview shows how white text looks on a background with the HunterLab color 46.9710, 71.0091,

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

46.9710, 71.0091, 30.0052

Protanopia

47.0905, -6.2786, 27.2749

Deuteranopia

46.9664, 2.9146, 28.9915



Tritanopia

46.9572, 72.0340, 27.8806

Trichromacy



Original Color

46.9710, 71.0091, 30.0052

Protanomaly

43.5702, 23.2219, 26.2214

Deuteranomaly

44.2853, 29.3917, 27.7261

Tritanomaly

46.9622, 71.5209, 28.9562

Monochromacy



Original Color

46.9710, 71.0091, 30.0052

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.1929, 22.3278, 14.2492

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9710, 71.0091, 30.0052 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(250, 43, 5)` looks like.

```
.text, #text, p{  
    color:rgb(250, 43, 5)  
}
```

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(250, 43, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 43, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9710, 71.0091, 30.0052 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(250, 43, 5) }
```


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

```
.border{ border-color:rgb(250, 43, 5) }
```

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

Here you see how a box with a 4 pixel rgb(250, 43, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 43, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 43, 5);  
box-shadow:4px 4px 4px 4px rgb(250, 43, 5)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.9710, 71.0091, 30.0052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 43, 5) }
```

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

```
.background{ background-color: rgb(250, 43,  
5) }
```

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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