

Converting Colors

HunterLab(76.0634, 4.9857,
46.9572)

Have a look what the booklet for
HunterLab(76.0634, 4.9857,
46.9572) contains.

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Color

**HunterLab(76.1295, 4.5840,
46.9909)**

Conversions

Conversions Part 1

Format	Color
Hex	FCBF00
RGB	252, 191, 0
RGB Percent	99%, 75%, 0%
CMY	0.0118, 0.2510, 0.9999
CMYK	0.00, 0.24, 1.00, 0.01
HSL	45°, 100%, 49%
HSV	45°, 100%, 99%
XYZ	58.7757, 57.9570, 8.0890
YIQ	187.4650, 97.6670, -46.4690

Conversions

Conversions Part 2

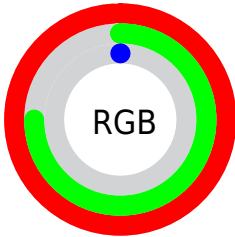
Format	Color
R_{YB}	80, 252, 0
Decimal	16563968
CIE _{Lab}	80.72, 9.10, 82.67
CIE _{LCh}	81, 83.172, 83.717
Yxy	57.9599, 0.4709, 0.4643
Android (android.graphics.Color)	4294754048 (0xFFFCBF00)
YUV	187.4650, -92.4202, 56.5972
Hunter-Lab	76.1295, 4.5840, 46.9909

Details

The HunterLab color **76.1295, 4.5840, 46.9909** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle saturated orange. A complement of this color would be **32.1983, 50.3168, -148.8621**, and the grayscale version is **71.0392, -3.7905, 3.8597**.

A 20% lighter version of the original color is **94.0328, -20.0968, 52.3022**, and **53.9668, 5.8565, 33.3566** is the 20% darker color. If you saturate the color by 10%, you get **76.1299, 4.5827, 46.9911**, and if you desaturate by 10%, it is **77.9406, 1.7329, 47.3478**.

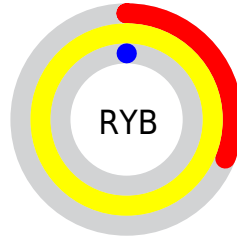
Distribution



Red (99%)

Green (75%)

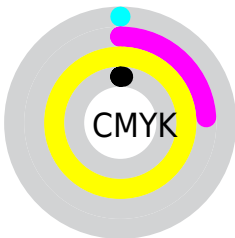
Blue (0%)



Red (31%)

Yellow (99%)

Blue (0%)

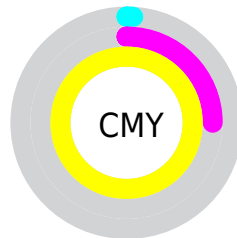


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (1%)



Cyan (1%)


Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.1295, 4.5840, 46.9909 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 76.1295, 4.5840, 46.9909 by changing the saturation by 10% instead.


 76.1295, 4.5840,
46.9909


 76.1295, 4.5840,
46.9909


204.2147, 0.9815,
88.8330

 64.6347, 4.7556,
41.5163


 100.9279, 4.0727,
57.3239

 53.7831, 4.8718,
35.8176


 114.1728, 3.7483,
62.2186


 43.6177, 4.9219,
30.0791

 127.9512, 3.3812,
66.9573

 34.1883, 4.8971,
23.9318

 142.2432, 2.9737,
71.5567

 25.5575, 4.7848,
17.8902

 157.0309, 2.5282,
76.0318

 17.8076, 4.5673,
12.4653


 172.2982, 2.0466,

 11.0530, 4.2170,


80.3954


7.7371


188.0306, 1.5305,
84.6592

 2.8164, 13.9324,
1.9715

0.0000, NaN, NaN


 76.1295, 4.5840,
46.9909


 76.1295, 4.5840,
46.9909

 76.1299, 4.5827,
46.9911

 77.9406, 1.7329,
47.3478

 79.8365, -0.7931,
46.9044

 81.8310, -2.9198,
45.4686

 83.9280, -4.6138,
42.9701

■ 86.1292, -5.8567,
39.3772

■ 88.4345, -6.6404,
34.6844

■ 90.8429, -6.9649,
28.9046

■ 93.3525, -6.8360,
22.0644

■ 95.9608, -6.2643,
14.1997

Harmonies

Analogous

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



76.1314, 47.2965, 42.7852



76.1295, 4.5840, 46.9909



76.1314, -32.7326, 45.4079

Triad

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



76.1314, 4.5803, 46.9915



76.1314, -62.7039, -31.7667



76.1314, 68.8118, -53.4847

Complementary

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



76.1295, 4.5840, 46.9909



32.1983, 50.3168, -148.8621

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.



76.1314, 29.5906, -98.6121



76.1295, 4.5840, 46.9909



76.1314, -44.6264, -82.1671

Square

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



76.1314, 4.5803, 46.9915



76.1314, -66.6784, 11.7609



76.1314, -12.3433, -111.1854



76.1314, 89.0238, -4.3515

Rectangle

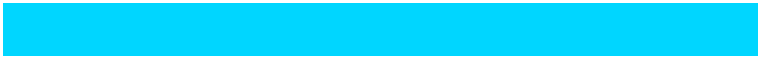
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1295, 4.5840, 46.9909



76.1314, -50.4657, 40.4380



76.1314, -12.3433, -111.1854



76.1314, 57.0663, -70.4723

Sweetspot

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



76.1314, 4.5803, 46.9915



92.0673, -7.0590, 29.3137



45.8855, 79.3602, 23.5844



42.1123, -3.2275, 14.7662

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.1314, 4.5803, 46.9915



77.1506, 4.6644, 47.6215



89.6882, -45.9042, 54.4614



44.0874, -2.8557, 6.3222



55.1659, 2.9187, 34.0441



17.2707, 0.0483, 10.6430

Inverse Universe

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



32.1983, 50.3168, -148.8621



32.6118, 51.0725, -151.0127



28.4358, 73.4083, -173.2145



41.6235, -1.5494, -1.9920



23.6429, 35.0078, -105.1234



8.2188, 7.6810, -26.8539

Previews

White Background



This preview shows how the HunterLab color 76.1295, 4.5840, 46.9909 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 76.1295, 4.5840, 46.9909 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 76.1295, 4.5840, 46.9909 Background



This preview shows how black text looks on a background with the HunterLab color 76.1295, 4.5840, 46.9909.



This preview shows how white text looks on a background with the HunterLab color 76.1295, 4.5840,

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

76.1295, 4.5840, 46.9909

Protanopia

76.1388, -10.5758, 46.4347

Deuteranopia

76.1006, 5.9749, 46.8409



Tritanopia

75.9660, 24.6697, 8.3198

Trichromacy



Original Color

76.1295, 4.5840, 46.9909

Protanomaly

75.9027, -5.2008, 46.5004

Deuteranomaly

75.9726, 5.5374, 46.8212

Tritanomaly

75.3372, 13.9373, 32.1760

Monochromacy



Original Color

76.1295, 4.5840, 46.9909

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

71.5173, -4.9104, 29.5138

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.1295, 4.5840, 46.9909 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, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 191, 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, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 191, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 76.1295, 4.5840, 46.9909 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, 191, 0) }
```


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

```
.border{ border-color:rgb(252, 191, 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, 191, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 191,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.1295, 4.5840, 46.9909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 191, 0) }
```

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

```
.background{ background-color: rgb(252,  
191, 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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