

Converting Colors

HunterLab(76.0001, 6.7231,
46.9486)

Have a look what the booklet for
HunterLab(76.0001, 6.7231,
46.9486) contains.

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Color

**HunterLab(75.9310, 6.8477,
46.9082)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBD00
RGB	255, 189, 0
RGB Percent	100%, 74%, 0%
CMY	0.0000, 0.2588, 0.9999
CMYK	0.00, 0.26, 1.00, 0.00
HSL	44°, 100%, 50%
HSV	44°, 100%, 100%
XYZ	59.4376, 57.6552, 7.9959
YIQ	187.1880, 100.0050, -44.7870

Conversions

Conversions Part 2

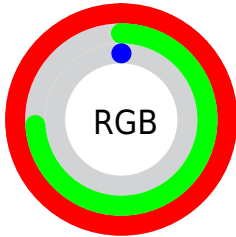
Format	Color
R _Y B	89, 255, 0
Decimal	16760064
CIE Lab	80.55, 11.42, 82.71
CIE LCh	81, 83.491, 82.138
Yxy	57.6581, 0.4752, 0.4609
Android (android.graphics.Color)	4294950144 (0xFFFFBD00)
YUV	187.1880, -92.2837, 59.4711
Hunter-Lab	75.9310, 6.8477, 46.9082

Details

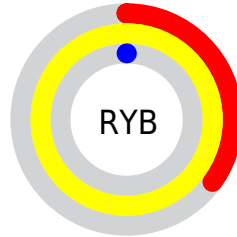
The HunterLab color **75.9310, 6.8477, 46.9082** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle saturated orange. A complement of this color would be **33.3438, 48.7100, -146.8254**, and the grayscale version is **70.9213, -3.7842, 3.8533**.

A 20% lighter version of the original color is **93.3836, -19.1192, 51.8825**, and **53.8013, 8.0232, 33.2926** is the 20% darker color. If you saturate the color by 10%, you get **75.9313, 6.8466, 46.9084**, and if you desaturate by 10%, it is **77.8684, 3.7276, 47.3245**.

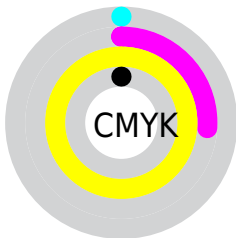
Distribution



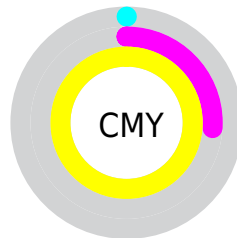
- Red (100%)
- Green (74%)
- Blue (0%)



- Red (35%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.9310, 6.8477, 46.9082 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 75.9310, 6.8477, 46.9082 by changing the saturation by 10% instead.

 75.9310, 6.8477,
46.9082

 75.9310, 6.8477,
46.9082


203.9389, 4.0602,
88.7865

 64.4467, 6.9099,
41.4279

 100.7099, 6.5406,
57.2515

 53.6064, 6.9111,
35.7236

 113.9456, 6.3123,
62.1508

 43.4529, 6.8396,
29.9929

 127.7152, 6.0378,
66.8938

 34.0363, 6.6851,
23.8254

 141.9987, 5.7200,
71.4972

 25.4196, 6.4336,
17.7937

 156.7782, 5.3612,
75.9758

 17.6854, 6.0653,
12.3798

 172.0376, 4.9638,

 10.9488, 5.5502,

80.3429

7.6642

187.7623, 4.5296,
84.6098

■ 2.4638, 20.0666,
1.7246

0.0000, NaN, NaN

■ 75.9310, 6.8477,
46.9082

■ 75.9310, 6.8477,
46.9082

■ 75.9313, 6.8466,
46.9084

■ 77.8684, 3.7276,
47.3245

■ 79.8981, 0.9413,
46.9233

■ 82.0334, -1.4361,
45.5127

■ 84.2778, -3.3715,
43.0253

86.6322, -4.8472,
39.4337

89.0960, -5.8562,
34.7370

91.6676, -6.4001,
28.9528

94.3444, -6.4860,
22.1120

97.1237, -6.1259,
14.2543

Harmonies

Analogous

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



75.9329, 49.6339, 42.3504



75.9310, 6.8477, 46.9082



75.9329, -31.1215, 45.6290

Triad

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



75.9329, 6.8439, 46.9088



75.9329, -63.3566, -29.2468



75.9329, 67.3673, -56.5028

Complementary

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



75.9310, 6.8477, 46.9082



33.3438, 48.7100, -146.8254

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.



75.9329, 27.4284, -100.8444



75.9310, 6.8477, 46.9082



75.9329, -46.0254, -80.2013

Square

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



75.9329, 6.8439, 46.9088



75.9329, -66.6105, 13.5459



75.9329, -14.3731, -111.2470



75.9329, 89.0287, -6.6638

Rectangle

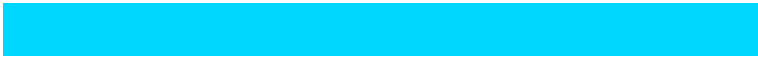
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9310, 6.8477, 46.9082



75.9329, -49.3890, 41.0075



75.9329, -14.3731, -111.2470



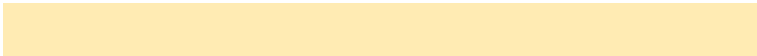
75.9329, 55.2821, -73.4250

Sweetspot

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



75.9329, 6.8439, 46.9088



91.6657, -6.3998, 28.9583



46.5595, 80.6287, 23.1339



41.9012, -2.8808, 14.5861

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.9329, 6.8439, 46.9088



75.9316, 6.8466, 46.9086



91.2079, -45.3289, 55.4079



44.9979, -2.8209, 6.4060



55.1189, 4.5326, 34.0434



17.7052, 0.5183, 10.9189

Inverse Universe

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



33.3438, 48.7100, -146.8254



33.3409, 48.7187, -146.8430



28.5763, 74.1983, -177.3823



42.5933, -1.6807, -1.9716



24.5177, 33.9088, -103.8443



8.6768, 7.6728, -27.4088

Previews

White Background



This preview shows how the HunterLab color 75.9310, 6.8477, 46.9082 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 75.9310, 6.8477, 46.9082 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 75.9310, 6.8477, 46.9082 Background



This preview shows how black text looks on a background with the HunterLab color 75.9310, 6.8477, 46.9082.



This preview shows how white text looks on a background with the HunterLab color 75.9310, 6.8477,

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

75.9310, 6.8477, 46.9082

Protanopia

76.1405, -10.5661, 46.4089

Deuteranopia

75.9668, 5.5065, 46.9068



Tritanopia

75.9369, 24.5214, 8.7364

Trichromacy



Original Color

75.9310, 6.8477, 46.9082

Protanomaly

76.1293, -4.4074, 46.6321

Deuteranomaly

76.0906, 5.9211, 46.9903

Tritanomaly

75.1878, 14.8680, 32.0715

Monochromacy



Original Color

75.9310, 6.8477, 46.9082

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

71.6208, -4.5490, 29.6048

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.9310, 6.8477, 46.9082 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, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 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(255, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 75.9310, 6.8477, 46.9082 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, 189, 0) }
```


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

```
.border{ border-color:rgb(255, 189, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.9310, 6.8477, 46.9082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 0) }
```

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

```
.background{ background-color: rgb(255,  
189, 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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