

Converting Colors

HunterLab(74.9371, 3.7771,
46.2420)

Have a look what the booklet for
HunterLab(74.9371, 3.7771,
46.2420) contains.

HunterLab(74.9462, 3.5425, 46.2435)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(74.9462, 3.5425,
46.2435)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BD00
RGB	247, 189, 0
RGB Percent	97%, 74%, 0%
CMY	0.0314, 0.2588, 0.9999
CMYK	0.00, 0.23, 1.00, 0.03
HSL	46°, 100%, 48%
HSV	46°, 100%, 97%
XYZ	56.5553, 56.1693, 7.8610
YIQ	184.7960, 95.2370, -46.4830

Conversions

Conversions Part 2

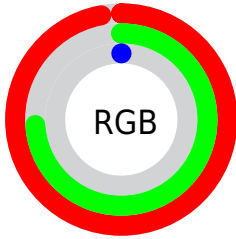
Format	Color
RYB	76, 247, 0
Decimal	16235776
CIELab	79.71, 8.00, 81.74
CIElCh	80, 82.128, 84.410
Yxy	56.1721, 0.4690, 0.4658
Android (android.graphics.Color)	4294425856 (0xFFFF7BD00)
YUV	184.7960, -91.1044, 54.5529
Hunter-Lab	74.9462, 3.5425, 46.2435

Details

The HunterLab color **74.9462, 3.5425, 46.2435** 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 **31.2138, 50.0403, -147.0347**, and the grayscale version is **69.9115, -3.7303, 3.7984**.

A 20% lighter version of the original color is **93.3836, -19.1192, 51.8825**, and **52.8418, 4.8530, 32.6459** is the 20% darker color. If you saturate the color by 10%, you get **74.9466, 3.5413, 46.2437**, and if you desaturate by 10%, it is **76.6724, 0.8564, 46.5611**.

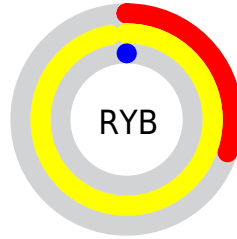
Distribution



Red (97%)

Green (74%)

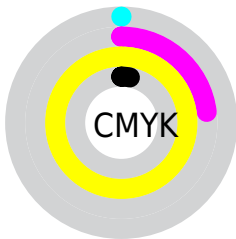
Blue (0%)



Red (30%)

Yellow (97%)

Blue (0%)

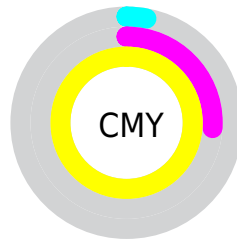


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (3%)



Cyan (3%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.9462, 3.5425, 46.2435 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 74.9462, 3.5425, 46.2435 by changing the saturation by 10% instead.

 74.9462, 3.5425,
46.2435


 74.9462, 3.5425,
46.2435

202.5685, -0.4116,
87.7846

 63.5145, 3.7608,
40.8006

 99.6274, 2.9438,
56.5101

 52.7299, 3.9257,
35.1324

 112.8175, 2.5781,
61.3710

 42.6360, 4.0271,
29.4590


 126.5432, 2.1710,
66.0757

 33.2838, 4.0563,
23.2986

 140.7844, 1.7248,
70.6412

 24.7374, 4.0015,
17.3162

 155.5231, 1.2418,
75.0825

 17.0816, 3.8452,
11.9571

 170.7429, 0.7237,

 10.4354, 3.5602,

79.4127

7.3048

186.4292, 0.1721,
83.6434

0.0000, INF, NaN

0.0000, NaN, NaN

■ 74.9462, 3.5425,
46.2435

■ 74.9462, 3.5425,
46.2435

■ 74.9466, 3.5413,
46.2437

■ 76.6724, 0.8564,
46.5611

■ 78.4788, -1.5146,
46.1011

■ 80.3793, -3.4972,
44.6735

■ 82.3780, -5.0590,
42.2086

■ 84.4765, -6.1813,

38.6735

■ 86.6751, -6.8560,
34.0609

■ 88.9731, -7.0824,
28.3819

■ 91.3687, -6.8657,
21.6606

■ 93.8599, -6.2155,
13.9305

Harmonies

Analogous

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



74.9481, 45.5111, 42.2572



74.9462, 3.5425, 46.2435



74.9481, -32.8751, 44.5533

Triad

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



74.9481, 3.5389, 46.2441



74.9481, -61.3769, -32.3353



74.9481, 68.2883, -51.3158

Complementary

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



74.9462, 3.5425, 46.2435



31.2138, 50.0403, -147.0347

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.



74.9481, 30.0327, -96.0190



74.9462, 3.5425, 46.2435



74.9481, -43.2764, -81.6485

Square

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



74.9481, 3.5389, 46.2441



74.9481, -65.5968, 10.7811



74.9481, -11.2581, -109.3077



74.9481, 87.5392, -3.3041

Rectangle

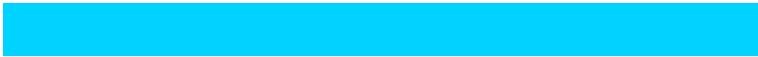
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9462, 3.5425, 46.2435



74.9481, -50.0856, 39.5120



74.9481, -11.2581, -109.3077



74.9481, 56.8857, -68.0460

Sweetspot

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



74.9481, 3.5389, 46.2441



92.2412, -7.3437, 29.4673



44.8550, 77.5825, 23.0179



42.2038, -3.3773, 14.8440

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.9481, 3.5389, 46.2441



77.6825, 3.7233, 47.9328



87.6738, -44.8523, 53.2386



43.1455, -2.8328, 6.2018



54.7131, 2.2073, 33.7526



16.6933, -0.1637, 10.2835

Inverse Universe

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



31.2138, 50.0403, -147.0347



32.3091, 52.0726, -152.7933



27.8072, 71.7652, -169.2301



40.6918, -1.4764, -1.9692



23.0897, 35.1126, -104.6582



7.8747, 7.3986, -25.8141

Previews

White Background



This preview shows how the HunterLab color 74.9462, 3.5425, 46.2435 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 74.9462, 3.5425, 46.2435 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 74.9462, 3.5425, 46.2435 Background



This preview shows how black text looks on a background with the HunterLab color 74.9462, 3.5425, 46.2435.



This preview shows how white text looks on a background with the HunterLab color 74.9462, 3.5425,

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

74.9462, 3.5425, 46.2435

Protanopia

74.9034, -10.2637, 45.6740

Deuteranopia

75.0416, 5.3619, 46.1072



Tritanopia

74.8230, 26.3936, 8.4181

Trichromacy



Original Color

74.9462, 3.5425, 46.2435

Protanomaly

74.9690, -5.3902, 45.9195

Deuteranomaly

74.9128, 4.9182, 46.1107

Tritanomaly

74.2289, 14.5246, 31.8006

Monochromacy



Original Color

74.9462, 3.5425, 46.2435

Achromatopsia

69.6527, -3.7165, 3.7844

Achromatomaly

70.5944, -5.1005, 29.0157

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.9462, 3.5425, 46.2435 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(247, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 189, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 74.9462, 3.5425, 46.2435 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(247, 189, 0) }
```


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

```
.border{ border-color:rgb(247, 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(247, 189, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(247, 189,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.9462, 3.5425, 46.2435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 189, 0) }
```

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

```
.background{ background-color: rgb(247,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor