

Converting Colors

HunterLab(75.6235, 7.4040,
46.7285)

Have a look what the booklet for
HunterLab(75.6235, 7.4040,
46.7285) contains.

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Color

**HunterLab(75.6482, 7.3593,
46.7429)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBC00
RGB	255, 188, 0
RGB Percent	100%, 74%, 0%
CMY	0.0000, 0.2627, 0.9999
CMYK	0.00, 0.26, 1.00, 0.00
HSL	44°, 100%, 50%
HSV	44°, 100%, 100%
XYZ	59.2233, 57.2265, 7.9244
YIQ	186.6010, 100.2800, -44.2640

Conversions

Conversions Part 2

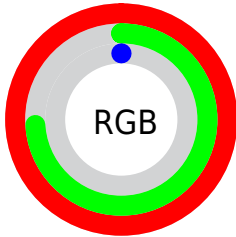
Format	Color
R _Y B	91, 255, 0
Decimal	16759808
CIE Lab	80.31, 11.94, 82.54
CIE LCh	80, 83.402, 81.769
Yxy	57.2294, 0.4762, 0.4601
Android (android.graphics.Color)	4294949888 (0xFFFFBC00)
YUV	186.6010, -91.9943, 59.9859
Hunter-Lab	75.6482, 7.3593, 46.7429

Details

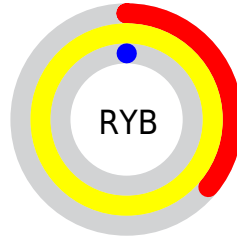
The HunterLab color **75.6482, 7.3593, 46.7429** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle saturated orange. A complement of this color would be **33.5201, 48.1524, -145.8421**, and the grayscale version is **70.6729, -3.7709, 3.8398**.

A 20% lighter version of the original color is **93.0599, -18.6297, 51.6731**, and **53.5401, 8.5114, 33.1402** is the 20% darker color. If you saturate the color by 10%, you get **75.6485, 7.3582, 46.7431**, and if you desaturate by 10%, it is **77.6088, 4.1861, 47.1701**.

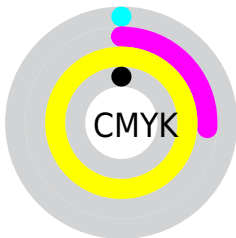
Distribution



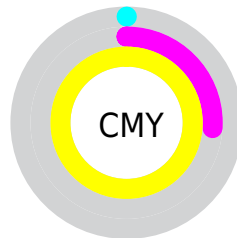
- Red (100%)
- Green (74%)
- Blue (0%)



- Red (36%)
- 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 75.6482, 7.3593, 46.7429 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 75.6482, 7.3593, 46.7429 by changing the saturation by 10% instead.

 75.6482, 7.3593,
46.7429


 75.6482, 7.3593,
46.7429


203.5456, 4.7616,
88.5767


 64.1790, 7.3960,
41.2667

 100.3991, 7.0999,
57.0772

 53.3546, 7.3702,
35.5663


 113.6218, 6.8941,
61.9717


 43.2181, 7.2700,
29.8503


 127.3788, 6.6411,
66.7096

 33.8200, 7.0850,
23.6740

 141.6502, 6.3441,
71.3079

 25.2234, 6.8006,
17.6564

 156.4180, 6.0056,
75.7815

 17.5115, 6.3964,
12.2581


 171.6661, 5.6277,

 10.8008, 5.8421,

80.1434

7.5606

187.3797, 5.2125,
84.4051

 1.8478, 28.0567,
1.2935


0.0000, NaN, NaN


 75.6482, 7.3593,
46.7429


 75.6482, 7.3593,
46.7429

 75.6485, 7.3582,
46.7431

 77.6088, 4.1861,
47.1701

 79.6632, 1.3476,
46.7789

 81.8246, -1.0811,
45.3775

 84.0962, -3.0670,
42.8998

86.4790, -4.5928,
39.3193

88.9722, -5.6518,
34.6364

91.5738, -6.2457,
28.8698

94.2815, -6.3823,
22.0511

97.0920, -6.0735,
14.2210

Harmonies

Analogous

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



75.6501, 50.0294, 42.1160



75.6482, 7.3593, 46.7429



75.6501, -30.6459, 45.5373

Triad

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



75.6501, 7.3555, 46.7435



75.6501, -63.3114, -28.5737



75.6501, 66.8211, -57.0419

Complementary

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



75.6482, 7.3593, 46.7429



33.5201, 48.1524, -145.8421

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.



75.6501, 26.8402, -101.0570



75.6482, 7.3593, 46.7429



75.6501, -46.2069, -79.4948

Square

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



75.6501, 7.3555, 46.7435



75.6501, -66.3876, 13.9133



75.6501, -14.7995, -110.9160



75.6501, 88.7533, -7.1926

Rectangle

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



75.6482, 7.3593, 46.7429



75.6501, -48.9826, 41.0096



75.6501, -14.7995, -110.9160



75.6501, 54.6945, -73.8949

Sweetspot

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



75.6501, 7.3555, 46.7435



91.5720, -6.2455, 28.8751



46.5595, 80.6288, 23.1340



41.8519, -2.7996, 14.5439

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.6501, 7.3555, 46.7435



75.6488, 7.3582, 46.7432



91.2080, -45.3290, 55.4080



44.9839, -2.7978, 6.3912



54.9172, 4.8957, 33.9255



17.6485, 0.6174, 10.8857

Inverse Universe

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



33.5201, 48.1524, -145.8421



33.5172, 48.1609, -145.8592



28.5763, 74.1984, -177.3827



42.6072, -1.7038, -1.9543



24.6477, 33.5073, -103.1402



8.7206, 7.5594, -27.2185

Previews

White Background



This preview shows how the HunterLab color 75.6482, 7.3593, 46.7429 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 75.6482, 7.3593, 46.7429 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 75.6482, 7.3593, 46.7429 Background



This preview shows how black text looks on a background with the HunterLab color 75.6482, 7.3593, 46.7429.



This preview shows how white text looks on a background with the HunterLab color 75.6482, 7.3593,

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

75.6482, 7.3593, 46.7429

Protanopia

75.7283, -10.4619, 46.1550

Deuteranopia

75.5583, 5.6019, 46.6568



Tritanopia

75.6425, 24.9155, 8.8629

Trichromacy



Original Color

75.6482, 7.3593, 46.7429

Protanomaly

75.7182, -4.3070, 46.3794

Deuteranomaly

75.6821, 6.0163, 46.7403

Tritanomaly

74.8975, 15.3069, 32.0998

Monochromacy



Original Color

75.6482, 7.3593, 46.7429

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

71.3229, -4.0561, 29.3696

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.6482, 7.3593, 46.7429 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, 188, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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, 188, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 75.6482, 7.3593, 46.7429 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, 188, 0) }
```


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

```
.border{ border-color:rgb(255, 188, 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, 188, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.6482, 7.3593, 46.7429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 0) }
```

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

```
.background{ background-color: rgb(255,  
188, 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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