

Converting Colors

HunterLab(75.3363, 1.5003,
46.4482)

Have a look what the booklet for
HunterLab(75.3363, 1.5003,
46.4482) contains.

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Color

**HunterLab(75.2822, 1.7171,
46.4186)**

Conversions

Conversions Part 1

Format	Color
Hex	F5BF00
RGB	245, 191, 0
RGB Percent	96%, 75%, 0%
CMY	0.0392, 0.2510, 0.9999
CMYK	0.00, 0.22, 1.00, 0.04
HSL	47°, 100%, 48%
HSV	47°, 100%, 96%
XYZ	56.2870, 56.6741, 7.9725
YIQ	185.3720, 93.4950, -47.9530

Conversions

Conversions Part 2

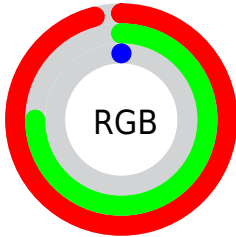
Format	Color
R_{YB}	69, 245, 0
Decimal	16105216
CIE Lab	80.00, 6.10, 81.84
CIE LCh	80, 82.065, 85.736
Yxy	56.6769, 0.4654, 0.4686
Android (android.graphics.Color)	4294295296 (0xFFFF5BF00)
YUV	185.3720, -91.3884, 52.2938
Hunter-Lab	75.2822, 1.7171, 46.4186

Details

The HunterLab color **75.2822, 1.7171, 46.4186** 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 **30.3847, 51.4040, -148.9422**, and the grayscale version is **70.1553, -3.7433, 3.8117**.

A 20% lighter version of the original color is **94.0328, -20.0968, 52.3022**, and **53.1453, 3.1118, 32.8024** is the 20% darker color. If you saturate the color by 10%, you get **75.2827, 1.7158, 46.4189**, and if you desaturate by 10%, it is **76.9051, -0.7573, 46.6869**.

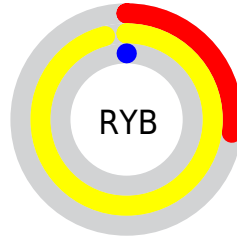
Distribution



Red (96%)

Green (75%)

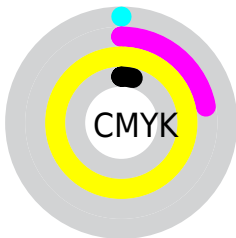
Blue (0%)



Red (27%)

Yellow (96%)

Blue (0%)

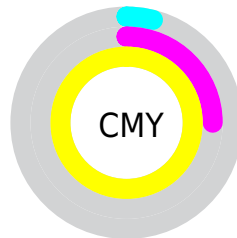


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.2822, 1.7171, 46.4186 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 75.2822, 1.7171, 46.4186 by changing the saturation by 10% instead.

75.2822, 1.7171,
46.4186

75.2822, 1.7171,
46.4186

203.0363, -2.9187,
87.9703

63.8325, 2.0276,
40.9762

99.9968, 0.9468,
56.6855

53.0288, 2.2897,
35.3087

113.2025, 0.5006,
61.5471

42.9145, 2.4945,
29.6186

126.9432, 0.0159,
66.2528

33.5402, 2.6344,
23.4782

141.1989, -0.5051,
70.8196

24.9698, 2.6995,
17.4788

155.9515, -1.0605,
75.2625

17.2871, 2.6749,
12.1010

171.1849, -1.6489,

10.6099, 2.5370,

79.5945

7.4269

186.8843, -2.2687,
83.8271

0.0000, INF, NaN

0.0000, NaN, NaN

■ 75.2822, 1.7171,
46.4186

■ 75.2822, 1.7171,
46.4186

■ 75.2827, 1.7158,
46.4189

■ 76.9051, -0.7573,
46.6869

■ 78.6031, -2.9230,
46.1901

■ 80.3902, -4.7073,
44.7376

■ 82.2708, -6.0774,
42.2572

■ 84.2473, -7.0139,

38.7126

■ 86.3201, -7.5076,
34.0927

■ 88.4891, -7.5566,
28.4046

■ 90.7529, -7.1651,
21.6690

■ 93.1100, -6.3413,
13.9162

Harmonies

Analogous

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



75.2841, 43.7207, 42.7057



75.2822, 1.7171, 46.4186



75.2841, -34.2596, 44.4638

Triad

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



75.2841, 1.7135, 46.4192



75.2841, -60.9763, -34.5363



75.2841, 69.6424, -49.0227

Complementary

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



75.2822, 1.7171, 46.4186



30.3847, 51.4040, -148.9422

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.



75.2841, 31.9012, -94.4398



75.2822, 1.7171, 46.4186



75.2841, -42.2075, -83.4745

Square

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



75.2841, 1.7135, 46.4192



75.2841, -65.8055, 9.2776



75.2841, -9.5889, -109.5155



75.2841, 87.7411, -1.4782

Rectangle

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



75.2822, 1.7171, 46.4186



75.2841, -51.0799, 39.1082



75.2841, -9.5889, -109.5155



75.2841, 58.4970, -65.8362

Sweetspot

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



75.2841, 1.7135, 46.4192



92.5877, -7.9094, 29.7729



44.3960, 76.6963, 23.4978



42.3861, -3.6748, 14.9989

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.2841, 1.7135, 46.4192



78.7491, 1.8561, 48.5573



86.5843, -45.5608, 52.5548



43.1944, -2.9134, 6.2536



55.4493, 0.9237, 34.1838



16.8867, -0.4917, 10.3969

Inverse Universe

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



30.3847, 51.4040, -148.9422



31.7300, 54.0251, -156.2845



27.8006, 71.3180, -165.8540



40.6434, -1.3952, -2.0298



22.6700, 36.4891, -107.1051



7.7338, 7.7773, -26.4555

Previews

White Background



This preview shows how the HunterLab color 75.2822, 1.7171, 46.4186 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 75.2822, 1.7171, 46.4186 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 75.2822, 1.7171, 46.4186 Background



This preview shows how black text looks on a background with the HunterLab color 75.2822, 1.7171, 46.4186.



This preview shows how white text looks on a background with the HunterLab color 75.2822, 1.7171,

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

75.2822, 1.7171, 46.4186

Protanopia

75.3131, -10.3769, 45.9521

Deuteranopia

75.1696, 5.8006, 46.1204



Tritanopia

75.4071, 25.6053, 8.1586

Trichromacy



Original Color

75.2822, 1.7171, 46.4186

Protanomaly

75.2683, -5.8811, 46.0961

Deuteranomaly

75.2014, 4.4262, 46.2351

Tritanomaly

74.6869, 13.2462, 31.6370

Monochromacy



Original Color

75.2822, 1.7171, 46.4186

Achromatopsia

69.6527, -3.7165, 3.7844

Achromatomaly

70.7913, -5.9481, 29.1622

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.2822, 1.7171, 46.4186 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(245, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 191, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 75.2822, 1.7171, 46.4186 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(245, 191, 0) }
```


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

```
.border{ border-color:rgb(245, 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(245, 191, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(245, 191,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.2822, 1.7171, 46.4186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 191, 0) }
```

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

```
.background{ background-color: rgb(245,  
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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