

Converting Colors

HunterLab(76.7843, -0.5608,
46.6370)

Have a look what the booklet for
HunterLab(76.7843, -0.5608,
46.6370) contains.

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Color

**HunterLab(76.7843, -0.5608,
46.6370)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C418
RGB	245, 196, 24
RGB Percent	96%, 77%, 9%
CMY	0.0392, 0.2313, 0.9058
CMYK	0.00, 0.20, 0.90, 0.04
HSL	47°, 92%, 53%
HSV	47°, 90%, 96%
XYZ	57.5610, 58.9583, 9.2105
YIQ	191.0430, 84.4160, -43.1040

Conversions

Conversions Part 2

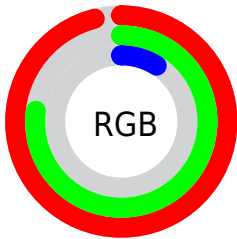
Format	Color
R_{YB}	87, 245, 24
Decimal	16106520
CIE Lab	81.27, 3.76, 79.91
CIE LCh	81, 79.997, 87.306
Yxy	58.9612, 0.4578, 0.4689
Android (android.graphics.Color)	4294296600 (0xFFFF5C418)
YUV	191.0430, -82.3522, 47.3203
Hunter-Lab	76.7843, -0.5608, 46.6370

Details

The HunterLab color **76.7843, -0.5608, 46.6370** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **33.9893, 41.5671, -129.0170**, and the grayscale version is **72.5118, -3.8691, 3.9397**.

A 20% lighter version of the original color is **95.7358, -22.1395, 52.3338**, and **54.6217, 1.1090, 33.6770** is the 20% darker color. If you saturate the color by 10%, you get **75.1903, 1.8763, 46.3648**, and if you desaturate by 10%, it is **78.4907, -2.7538, 46.1630**.

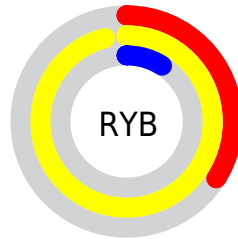
Distribution



Red (96%)

Green (77%)

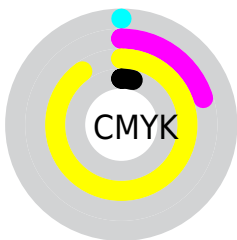
Blue (9%)



Red (34%)

Yellow (96%)

Blue (9%)

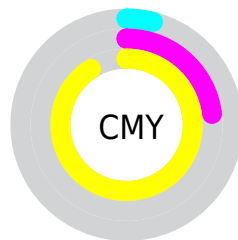


Cyan (0%)

Magenta (20%)

Yellow (90%)

Black (4%)



Cyan (4%)

Magenta (23%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.7843, -0.5608, 46.6370 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 76.7843, -0.5608, 46.6370 by changing the saturation by 10% instead.

76.7843, -0.5608,
46.6370

76.7843, -0.5608,
46.6370

205.1239, -6.0693,
87.1580

65.2548, -0.1317,
41.3346

101.6471, -1.5514,
56.6371

54.3665, 0.2559,
35.8070

114.9221, -2.1009,
61.3739

44.1619, 0.5944,
30.1166

128.7294, -2.6848,
65.9606

34.6902, 0.8781,
24.2831

143.0492, -3.3016,
70.4139

26.0133, 1.0996,
18.2093

157.8639, -3.9496,
74.7483

18.2120, 1.2483,
12.7484

173.1574, -4.6277,

11.3985, 1.3073,

78.9767

7.9789

188.9152, -5.3346,
83.1100

■ 3.7500, 4.1694,
2.6250

0.0000, NaN, NaN

■ 76.7843, -0.5608,
46.6370

■ 76.7843, -0.5608,
46.6370

■ 75.1903, 1.8763,
46.3648

■ 78.4907, -2.7538,
46.1630

■ 80.2846, -4.5625,
44.7345

■ 82.1723, -5.9572,
42.2791

■ 84.1560, -6.9185,
38.7605

■ 86.2363, -7.4371,
34.1674

■ 88.4130, -7.5111,
28.5069

■ 90.6848, -7.1445,
21.7998

■ 93.0499, -6.3459,
14.0764

■ 95.5061, -5.1270,
5.3743

Harmonies

Analogous

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



76.7862, 40.4720, 43.1194



76.7843, -0.5608, 46.6370



76.7862, -35.4023, 44.2699

Triad

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



76.7862, -0.5643, 46.6376



76.7862, -59.7627, -36.0012



76.7862, 69.2699, -44.8574

Complementary

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



76.7843, -0.5608, 46.6370



33.9893, 41.5671, -129.0170

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.



76.7862, 33.1881, -89.3427



76.7843, -0.5608, 46.6370



76.7862, -40.3719, -82.6883

Square

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



76.7862, -0.5643, 46.6376



76.7862, -65.2938, 7.4400



76.7862, -7.5753, -105.8021



76.7862, 85.4844, 0.7698

Rectangle

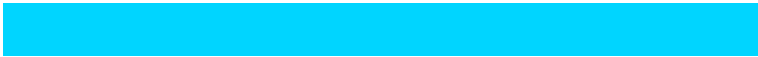
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7843, -0.5608, 46.6370



76.7862, -51.5819, 38.3997



76.7862, -7.5753, -105.8021



76.7862, 58.7512, -61.1568

Sweetspot

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



76.7862, -0.5643, 46.6376



93.2611, -7.7893, 27.7445



45.3675, 75.1266, 20.4352



42.7761, -3.6385, 13.8858

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7862, -0.5643, 46.6376



78.6523, 2.0245, 48.5006



87.0736, -43.5576, 52.3029



43.1900, -2.9062, 6.2489



55.3825, 1.0395, 34.1446



16.8692, -0.4621, 10.3866

Inverse Universe

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



33.9893, 41.5671, -129.0170



31.7810, 53.8509, -155.9722



30.1376, 67.9101, -150.1879



40.6478, -1.4025, -2.0243



22.7071, 36.3660, -106.8857



7.7464, 7.7431, -26.3974

Previews

White Background



This preview shows how the HunterLab color 76.7843, -0.5608, 46.6370 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 76.7843, -0.5608, 46.6370 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 76.7843, -0.5608, 46.6370 Background



This preview shows how black text looks on a background with the HunterLab color 76.7843, -0.5608, 46.6370.



This preview shows how white text looks on a background with the HunterLab color 76.7843, -0.5608,

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

76.7843, -0.5608, 46.6370

Protanopia

76.9938, -10.6199, 46.5047

Deuteranopia

76.8528, 5.6786, 46.4015



Tritanopia

76.6169, 24.1862, 7.2204

Trichromacy



Original Color

76.7843, -0.5608, 46.6370

Protanomaly

76.7275, -6.8755, 46.4481

Deuteranomaly

76.6406, 3.4685, 46.3871

Tritanomaly

75.9890, 12.1597, 29.7231

Monochromacy



Original Color

76.7843, -0.5608, 46.6370

Achromatopsia

72.1800, -3.8513, 3.9217

Achromatomaly

73.2124, -6.3058, 27.8997

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7843, -0.5608, 46.6370 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, 196, 24)` looks like.

```
.text, #text, p{  
    color:rgb(245, 196, 24)  
}
```

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, 196, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 196, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7843, -0.5608, 46.6370 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, 196, 24) }
```


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

```
.border{ border-color:rgb(245, 196, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 196, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 196, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 196, 24);  
box-shadow:4px 4px 4px 4px rgb(245, 196,  
24) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7843, -0.5608, 46.6370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 196, 24) }
```

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

```
.background{ background-color: rgb(245,  
196, 24) }
```

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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