

Converting Colors

HunterLab(83.8318, -6.5406,
47.3980)

Have a look what the booklet for
HunterLab(83.8318, -6.5406,
47.3980) contains.

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Color

**HunterLab(83.8149, -6.5290,
47.4332)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD846
RGB	252, 216, 70
RGB Percent	99%, 85%, 27%
CMY	0.0118, 0.1529, 0.7255
CMYK	0.00, 0.14, 0.72, 0.01
HSL	48°, 97%, 63%
HSV	48°, 72%, 99%
XYZ	65.8062, 70.2494, 15.8854
YIQ	210.1200, 68.3220, -37.7740

Conversions

Conversions Part 2

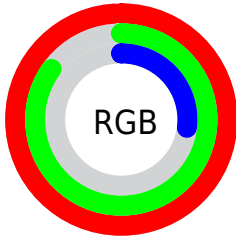
Format	Color
RYB	115, 252, 70
Decimal	16570438
CIELab	87.12, -2.15, 72.50
CIELCh	87, 72.536, 91.700
Yxy	70.2528, 0.4331, 0.4623
Android (android.graphics.Color)	4294760518 (0xFFFC846)
YUV	210.1200, -69.0792, 36.7288
Hunter-Lab	83.8149, -6.5290, 47.4332

Details

The HunterLab color **83.8149, -6.5290, 47.4332** 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 **43.1718, 28.8512, -99.3713**, and the grayscale version is **80.5997, -4.3006, 4.3791**.

A 20% lighter version of the original color is **97.1145, -21.3806, 47.2089**, and **60.7594, -5.2498, 37.3477** is the 20% darker color. If you saturate the color by 10%, you get **82.1482, -4.8793, 48.7563**, and if you desaturate by 10%, it is **85.5764, -7.7672, 45.0610**.

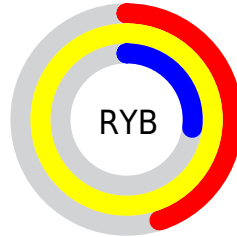
Distribution



Red (99%)

Green (85%)

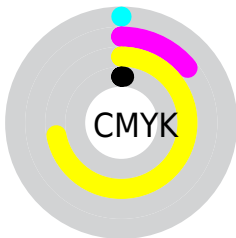
Blue (27%)



Red (45%)

Yellow (99%)

Blue (27%)

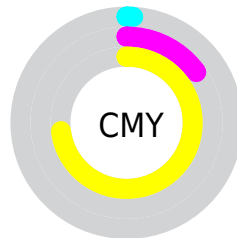


Cyan (0%)

Magenta (14%)

Yellow (72%)

Black (1%)



Cyan (1%)

Magenta (15%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.8149, -6.5290, 47.4332 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 83.8149, -6.5290, 47.4332 by changing the saturation by 10% instead.

83.8149, -6.5290,
47.4332

83.8149, -6.5290,
47.4332

214.8108,
-14.2929, 83.9883

71.9254, -5.7941,
42.6893

109.3477, -8.0884,
56.3916

60.6564, -5.0832,
37.7365

122.9366, -8.9044,
60.6465

50.0465, -4.4006,
32.5542

137.0461, -9.7449,
64.7758

40.1394, -3.7473,
27.1951

151.6575,
-10.6091, 68.7943

30.9891, -3.1239,
21.6923

166.7541,
-11.4966, 72.7146

22.6643, -2.5309,
15.8650

182.3209,

15.2567, -1.9680,

-12.4067, 76.5476

10.6797

198.3440,
-13.3390, 80.3028

■ 8.8786, -1.5305,
6.2151

0.0000, NaN, NaN

■ 83.8149, -6.5290,
47.4332

■ 83.8149, -6.5290,
47.4332

■ 82.1482, -4.8793,
48.7563

■ 85.5764, -7.7672,
45.0610

■ 80.5642, -2.8474,
49.1199

■ 87.4299, -8.5592,
41.5864

■ 79.3804, -1.0653,
48.8952

■ 89.3793, -8.8948,
36.9869

■ 91.4251, -8.7686,
31.2597

■ 93.5668, -8.1817,
24.4176

■ 95.8034, -7.1399,
16.4853

■ 98.1332, -5.6535,
7.4959

■ 99.7173, -6.3207,
5.0827

Harmonies

Analogous

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



83.8169, 31.1475, 44.4351



83.8149, -6.5290, 47.4332



83.8169, -38.0122, 43.6129

Triad

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



83.8169, -6.5325, 47.4339



83.8169, -55.8653, -38.2315



83.8169, 66.0503, -33.2984

Complementary

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



83.8149, -6.5290, 47.4332



43.1718, 28.8512, -99.3713

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.



83.8169, 35.3328, -73.6043



83.8149, -6.5290, 47.4332



83.8169, -34.9941, -77.2024

Square

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



83.8169, -6.5325, 47.4339



83.8169, -63.3306, 2.5735



83.8169, -2.4010, -92.2988



83.8169, 77.0792, 6.5037

Rectangle

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



83.8149, -6.5290, 47.4332



83.8169, -52.4135, 36.1039



83.8169, -2.4010, -92.2988



83.8169, 57.4541, -47.7360

Sweetspot

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



83.8169, -6.5325, 47.4339



94.8806, -8.2753, 24.5935



51.1129, 67.5568, 16.7331



43.6189, -3.9257, 12.3026

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.8169, -6.5325, 47.4339



82.4752, -3.9946, 49.7086



90.5467, -42.0542, 51.2636



44.2416, -3.1097, 6.4852



57.4775, -1.0835, 35.3984



17.8974, -1.0094, 11.0106

Inverse Universe

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



43.1718, 28.8512, -99.3713



35.8567, 43.4727, -133.5807



39.6728, 57.2760, -112.1846



41.4713, -1.2935, -2.1827



22.3700, 39.2449, -112.6791



7.7752, 8.9018, -28.9347

Previews

White Background



This preview shows how the HunterLab color 83.8149, -6.5290, 47.4332 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 83.8149, -6.5290, 47.4332 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 83.8149, -6.5290, 47.4332 Background



This preview shows how black text looks on a background with the HunterLab color 83.8149, -6.5290, 47.4332.



This preview shows how white text looks on a background with the HunterLab color 83.8149, -6.5290,

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

83.8149, -6.5290, 47.4332

Protanopia

83.8755, -11.0548, 47.2763

Deuteranopia

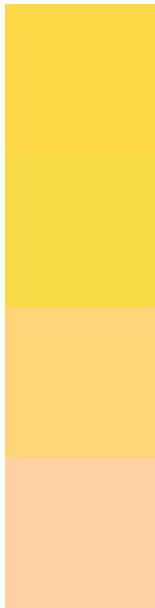
83.6392, 2.5979, 32.0158



Tritanopia

83.6568, 15.1790, 4.8049

Trichromacy



Original Color

83.8149, -6.5290, 47.4332

Protanomaly

83.8880, -9.4169, 47.3133

Deuteranomaly

83.6608, -1.3267, 39.1595

Tritanomaly

83.2779, 5.1059, 26.3996

Monochromacy



Original Color

83.8149, -6.5290, 47.4332

Achromatopsia

80.2795, -4.2835, 4.3617

Achromatomaly

80.9924, -7.6226, 25.7620

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.8149, -6.5290, 47.4332 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(252, 216, 70)` looks like.

```
.text, #text, p{  
    color:rgb(252, 216, 70)  
}
```

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(252, 216, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 216, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 83.8149, -6.5290, 47.4332 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(252, 216, 70) }
```


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

```
.border{ border-color:rgb(252, 216, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 216, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 216, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 216, 70);  
box-shadow:4px 4px 4px 4px rgb(252, 216,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.8149, -6.5290, 47.4332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 216, 70) }
```

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

```
.background{ background-color: rgb(252,  
216, 70) }
```

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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