

Converting Colors

HunterLab(84.6171, 14.3564,
48.0024)

Have a look what the booklet for
HunterLab(84.6171, 14.3564,
48.0024) contains.

HunterLab(80.5771, 0.8457, 45.0280)	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(80.5771, 0.8457,
45.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCC49
RGB	255, 204, 73
RGB Percent	100%, 80%, 29%
CMY	0.0000, 0.2000, 0.7137
CMYK	0.00, 0.20, 0.71, 0.00
HSL	43°, 100%, 64%
HSV	43°, 71%, 100%
XYZ	64.0354, 64.9267, 15.4603
YIQ	204.3150, 72.4470, -29.9290

Conversions

Conversions Part 2

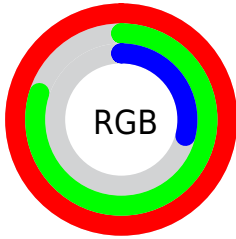
Format	Color
RYB	144, 255, 73
Decimal	16763977
CIELab	84.45, 5.37, 68.84
CIElCh	84, 69.052, 85.543
Yxy	64.9299, 0.4434, 0.4496
Android (android.graphics.Color)	4294954057 (0xFFFFCC49)
YUV	204.3150, -64.7383, 44.4507
Hunter-Lab	80.5771, 0.8457, 45.0280

Details

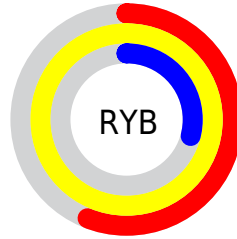
The HunterLab color **80.5771, 0.8457, 45.0280** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **48.0114, 20.0990, -86.8955**, and the grayscale version is **78.0889, -4.1666, 4.2427**.

A 20% lighter version of the original color is **97.1280, -21.3044, 47.0106**, and **57.6906, 1.6245, 35.5771** is the 20% darker color. If you saturate the color by 10%, you get **78.3192, 3.5591, 46.2458**, and if you desaturate by 10%, it is **82.9548, -1.4324, 42.7430**.

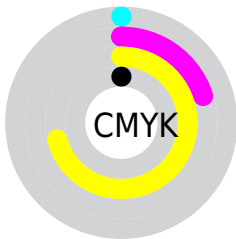
Distribution



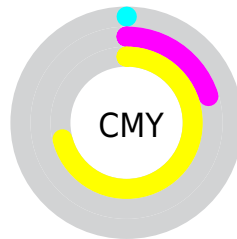
- Red (100%)
- Green (80%)
- Blue (29%)



- Red (56%)
- Yellow (100%)
- Blue (29%)



- Cyan (0%)
- Magenta (20%)
- Yellow (71%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.5771, 0.8457, 45.0280 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 80.5771, 0.8457, 45.0280 by changing the saturation by 10% instead.


 80.5771, 0.8457,
45.0280

 80.5771, 0.8457,
45.0280

210.3663, -4.1915,
80.2120


 68.8507, 1.2123,
40.4506


 105.8060, -0.0278,
53.6587


 57.7541, 1.5346,
35.6641

 119.2524, -0.5218,
57.7541

 47.3273, 1.8044,
30.6451

 133.2246, -1.0522,
61.7273

 37.6168, 2.0155,
25.4732

 147.7035, -1.6170,
65.5932

 28.6796, 2.1598,
20.0757

 162.6720, -2.2148,
69.3645

 20.5898, 2.2258,
14.4128

178.1145, -2.8439,

 13.4475, 2.1960,

73.0520

9.4133

194.0169, -3.5032,
76.6652

■ 7.0169, 2.9573,
4.9119

0.0000, NaN, NaN

■ 80.5771, 0.8457,
45.0280

■ 80.5771, 0.8457,
45.0280

■ 78.3192, 3.5591,
46.2458

■ 82.9548, -1.4324,
42.7430

■ 76.1724, 6.6837,
46.4631

■ 85.4469, -3.2460,
39.3628

■ 74.4010, 9.6390,
46.0143

■ 88.0539, -4.5922,
34.8903

■ 90.7736, -5.4731,
29.3467

93.6029, -5.8971,
22.7664

96.5381, -5.8772,
15.1921

99.5755, -5.4295,
6.6721

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



80.5791, 36.1438, 40.6730



80.5771, 0.8457, 45.0280



80.5791, -30.6130, 42.7525

Triad

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



80.5791, 0.8421, 45.0287



80.5791, -55.2354, -27.3209



80.5791, 57.0337, -39.3571

Complementary

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



80.5771, 0.8457, 45.0280



48.0114, 20.0990, -86.8955

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.



80.5791, 25.8846, -74.3730



80.5771, 0.8457, 45.0280



80.5791, -38.0726, -65.6357

Square

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



80.5791, 0.8421, 45.0287



80.5791, -59.6965, 9.0729



80.5791, -9.3238, -85.5751



80.5791, 71.8268, -0.6002

Rectangle

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



80.5771, 0.8457, 45.0280



80.5791, -45.8789, 36.9284



80.5791, -9.3238, -85.5751



80.5791, 47.9010, -52.4947

Sweetspot

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



80.5791, 0.8421, 45.0287



93.7103, -5.9043, 22.5029



52.4358, 69.2431, 11.7475



42.9877, -2.7003, 11.3031

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.5791, 0.8421, 45.0287



77.3120, 4.9578, 46.4645



93.0234, -37.7697, 52.6414



44.9219, -2.6952, 6.3254



54.0275, 6.5149, 33.4055



17.3980, 1.0590, 10.7391

Inverse Universe

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



48.0114, 20.0990, -86.8955



40.2068, 31.9929, -114.1759



39.3179, 54.5450, -117.4817



42.6687, -1.8069, -1.8775



25.2438, 31.7059, -99.9964



8.9189, 7.0551, -26.3777

Previews

White Background



This preview shows how the HunterLab color 80.5771, 0.8457, 45.0280 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 80.5771, 0.8457, 45.0280 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 80.5771, 0.8457, 45.0280 Background



This preview shows how black text looks on a background with the HunterLab color 80.5771, 0.8457, 45.0280.



This preview shows how white text looks on a background with the HunterLab color 80.5771, 0.8457,

45.0280.

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

80.5771, 0.8457, 45.0280

Protanopia

80.5788, -9.9684, 44.5798

Deuteranopia

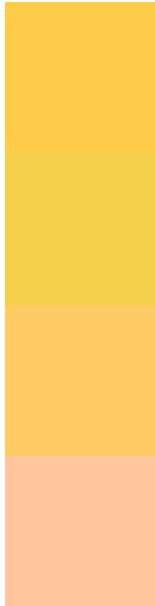
80.4605, 4.4049, 37.7045



Tritanopia

80.4955, 18.8331, 6.4502

Trichromacy



Original Color

80.5771, 0.8457, 45.0280

Protanomaly

80.4120, -5.8580, 44.6701

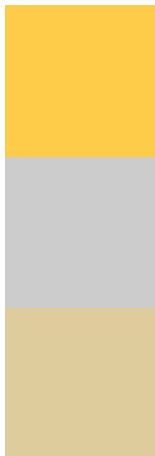
Deuteranomaly

80.5556, 2.8288, 40.8137

Tritanomaly

80.0730, 10.5800, 25.5739

Monochromacy



Original Color

80.5771, 0.8457, 45.0280

Achromatopsia

77.7063, -4.1462, 4.2219

Achromatomaly

78.2777, -4.6690, 24.3295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.5771, 0.8457, 45.0280 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, 204, 73)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 73)  
}
```

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, 204, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 80.5771, 0.8457, 45.0280 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, 204, 73) }
```


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

```
.border{ border-color:rgb(255, 204, 73) }
```

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

Here you see how a box with a 4 pixel rgb(255, 204, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 73);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.5771, 0.8457, 45.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 73) }
```

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

```
.background{ background-color: rgb(255,  
204, 73) }
```

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