

Converting Colors

HunterLab(80.7383, 0.7793,
44.6757)

Have a look what the booklet for
HunterLab(80.7383, 0.7793,
44.6757) contains.

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Color

**HunterLab(80.6111, 1.0297,
44.5261)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCC4D
RGB	255, 204, 77
RGB Percent	100%, 80%, 30%
CMY	0.0000, 0.2000, 0.6980
CMYK	0.00, 0.20, 0.70, 0.00
HSL	43°, 100%, 65%
HSV	43°, 70%, 100%
XYZ	64.1724, 64.9815, 16.1816
YIQ	204.7710, 71.1630, -28.6850

Conversions

Conversions Part 2

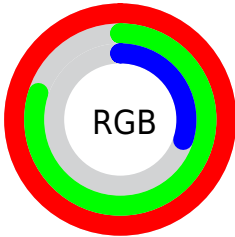
Format	Color
RYB	148, 255, 77
Decimal	16763981
CIELab	84.48, 5.56, 67.29
CIELCh	84, 67.523, 85.280
Yxy	64.9847, 0.4415, 0.4471
Android (android.graphics.Color)	4294954061 (0xFFFFCC4D)
YUV	204.7710, -62.9911, 44.0508
Hunter-Lab	80.6111, 1.0297, 44.5261

Details

The HunterLab color **80.6111, 1.0297, 44.5261** 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 **49.2293, 18.3810, -83.2846**, and the grayscale version is **78.2773, -4.1767, 4.2530**.

A 20% lighter version of the original color is **97.1833, -20.9924, 46.1984**, and **57.7096, 1.7270, 35.2956** is the 20% darker color. If you saturate the color by 10%, you get **78.2946, 3.7584, 45.8944**, and if you desaturate by 10%, it is **83.0499, -1.2586, 42.0850**.

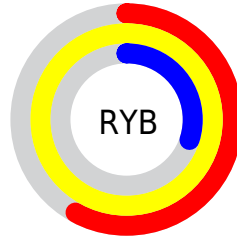
Distribution



Red (100%)

Green (80%)

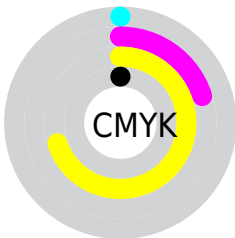
Blue (30%)



Red (58%)

Yellow (100%)

Blue (30%)

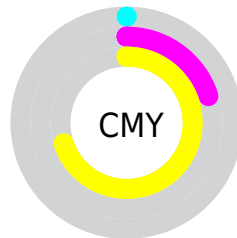


Cyan (0%)

Magenta (20%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.6111, 1.0297, 44.5261 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 80.6111, 1.0297, 44.5261 by changing the saturation by 10% instead.

80.6111, 1.0297,
44.5261

80.6111, 1.0297,
44.5261

210.4131, -3.9416,
79.0139

68.8830, 1.3875,
40.0429

105.8432, 0.1728,
52.9794

57.7845, 1.7005,
35.3536

119.2911, -0.3135,
56.9916

47.3558, 1.9604,
30.4335

133.2648, -0.8364,
60.8850

37.6431, 2.1610,
25.3163

147.7451, -1.3940,
64.6743

28.7037, 2.2940,
20.0926

162.7150, -1.9847,
68.3719

20.6114, 2.3477,
14.4280

178.1588, -2.6071,

13.4662, 2.3042,

71.9885

9.4264

194.0625, -3.2597,
75.5332

■ 7.0392, 3.0635,
4.9274

0.0000, NaN, NaN

■ 80.6111, 1.0297,
44.5261

■ 80.6111, 1.0297,
44.5261

■ 78.2946, 3.7584,
45.8944

■ 83.0499, -1.2586,
42.0850

■ 76.0923, 6.9064,
46.2469

■ 85.6049, -3.0800,
38.5502

■ 73.9960, 10.3934,
45.7664

■ 88.2763, -4.4335,
33.9298

■ 73.9553, 10.4637,
45.7541

■ 91.0613, -5.3229,
28.2491

■ 93.9565, -5.7578,
21.5455

■ 96.9581, -5.7522,
13.8641

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.



80.6131, 35.4611, 40.0928



80.6111, 1.0297, 44.5261



80.6131, -29.8452, 42.2983

Triad

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



80.6131, 1.0261, 44.5268



80.6131, -54.3782, -26.1645



80.6131, 55.3006, -38.5362

Complementary

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



80.6111, 1.0297, 44.5261



49.2293, 18.3810, -83.2846

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.



80.6131, 24.8717, -72.3097



80.6111, 1.0297, 44.5261



80.6131, -37.6013, -63.3660

Square

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



80.6131, 1.0261, 44.5268



80.6131, -58.6661, 9.2365



80.6131, -9.5023, -82.8682



80.6131, 69.8672, -0.7818

Rectangle

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



80.6111, 1.0297, 44.5261



80.6131, -44.9105, 36.5369



80.6131, -9.5023, -82.8682



80.6131, 46.3704, -51.2484

Sweetspot

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



80.6131, 1.0261, 44.5268



93.6044, -5.7292, 22.4010



53.0949, 68.2879, 10.1706



42.9325, -2.6089, 11.2511

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.6131, 1.0261, 44.5268



77.3565, 5.0318, 46.1609



93.3689, -36.3902, 52.4375



44.8995, -2.6581, 6.3017



53.7095, 7.1004, 33.2198



17.3083, 1.2188, 10.6866

Inverse Universe

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



49.2293, 18.3810, -83.2846



41.4999, 29.4174, -109.0770



40.0158, 52.4778, -114.5995



42.6910, -1.8441, -1.8498



25.4657, 31.0506, -98.8594



8.9918, 6.8734, -26.0767

Previews

White Background



This preview shows how the HunterLab color 80.6111, 1.0297, 44.5261 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 80.6111, 1.0297, 44.5261 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 80.6111, 1.0297, 44.5261 Background



This preview shows how black text looks on a background with the HunterLab color 80.6111, 1.0297, 44.5261.



This preview shows how white text looks on a background with the HunterLab color 80.6111, 1.0297,

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

80.6111, 1.0297, 44.5261

Protanopia

80.6138, -9.7739, 44.0623

Deuteranopia

80.4748, 4.4822, 37.4933



Tritanopia

80.4955, 18.8331, 6.4502

Trichromacy



Original Color

80.6111, 1.0297, 44.5261

Protanomaly

80.4466, -5.6678, 44.1594

Deuteranomaly

80.5799, 2.9599, 40.4556

Tritanomaly

80.1163, 10.8093, 24.9442

Monochromacy



Original Color

80.6111, 1.0297, 44.5261

Achromatopsia

78.1342, -4.1690, 4.2452

Achromatomaly

78.6252, -4.9328, 23.9692

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.6111, 1.0297, 44.5261 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 77)  
}
```

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, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 80.6111, 1.0297, 44.5261 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, 77) }
```


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

```
.border{ border-color:rgb(255, 204, 77) }
```

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, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.6111, 1.0297, 44.5261 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, 77) }
```

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

```
.background{ background-color: rgb(255,  
204, 77) }
```

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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