

Converting Colors

HunterLab(80.8830, -3.7407,
48.8389)

Have a look what the booklet for
HunterLab(80.8830, -3.7407,
48.8389) contains.

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Color

**HunterLab(80.7674, -3.5602,
48.7546)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCF1F
RGB	251, 207, 31
RGB Percent	98%, 81%, 12%
CMY	0.0157, 0.1882, 0.8784
CMYK	0.00, 0.18, 0.88, 0.02
HSL	48°, 96%, 55%
HSV	48°, 88%, 98%
XYZ	62.3437, 65.2337, 10.6018
YIQ	200.0920, 82.7200, -45.4080

Conversions

Conversions Part 2

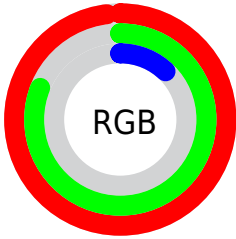
Format	Color
R_{YB}	86, 251, 31
Decimal	16502559
CIE _{Lab}	84.61, 0.79, 81.44
CIE _{LCh}	85, 81.448, 89.444
Yxy	65.2369, 0.4512, 0.4721
Android (android.graphics.Color)	4294692639 (0xFFFB _{CF} 1F)
YUV	200.0920, -83.3624, 44.6463
Hunter-Lab	80.7674, -3.5602, 48.7546

Details

The HunterLab color **80.7674, -3.5602, 48.7546** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **35.0555, 43.0069, -132.0058**, and the grayscale version is **76.3588, -4.0743, 4.1487**.

A 20% lighter version of the original color is **96.7790, -23.2778, 52.1481**, and **57.9666, -1.7396, 35.6883** is the 20% darker color. If you saturate the color by 10%, you get **79.2194, -1.3369, 48.6642**, and if you desaturate by 10%, it is **82.3988, -5.4473, 47.9761**.

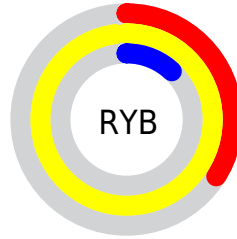
Distribution



Red (98%)

Green (81%)

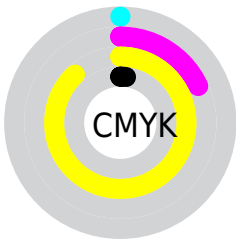
Blue (12%)



Red (34%)

Yellow (98%)

Blue (12%)

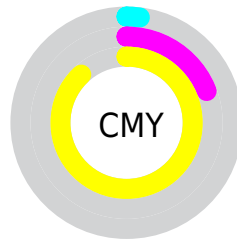


Cyan (0%)

Magenta (18%)

Yellow (88%)

Black (2%)



Cyan (2%)


Magenta (19%)

Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.7674, -3.5602, 48.7546 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 80.7674, -3.5602, 48.7546 by changing the saturation by 10% instead.


 80.7674, -3.5602,
48.7546


 80.7674, -3.5602,
48.7546


210.6283,
-10.2181, 89.5759


 69.0313, -2.9749,
43.4350


 106.0143, -4.8412,
58.8028

 57.9244, -2.4220,
37.8943


 119.4692, -5.5265,
63.5694

 47.4867, -1.9073,
32.1318


 133.4496, -6.2412,
68.1889

 37.7644, -1.4341,
26.4351

 147.9364, -6.9841,
72.6773

 28.8145, -1.0060,
20.1702

 162.9125, -7.7541,
77.0486

 20.7106, -0.6283,
14.4974

 178.3624, -8.5503,

 13.5524, -0.3083,

81.3152

9.4867

194.2719, -9.3719,
85.4878

■ 7.1406, 0.1007,
4.9984

0.0000, NaN, NaN

■ 80.7674, -3.5602,
48.7546

■ 80.7674, -3.5602,
48.7546

■ 79.2194, -1.3369,
48.6642

■ 82.3988, -5.4473,
47.9761

■ 78.8617, -0.7868,
48.5804

■ 84.1162, -6.9330,
46.1945

■ 85.9262, -7.9894,
43.3403

■ 87.8311, -8.5977,
39.3771

89.8321, -8.7485,
34.2925

91.9292, -8.4397,
28.0919

94.1216, -7.6751,
20.7945

96.4079, -6.4626,
12.4295

98.7236, -5.1565,
3.9246

Harmonies

Analogous

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



80.7694, 38.8066, 45.5191



80.7674, -3.5602, 48.7546



80.7694, -38.8735, 45.7699

Triad

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



80.7694, -3.5638, 48.7552



80.7694, -61.1554, -40.6856



80.7694, 73.5109, -42.5668

Complementary

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



80.7674, -3.5602, 48.7546



35.0555, 43.0069, -132.0058

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.



80.7694, 37.2545, -89.2865



80.7674, -3.5602, 48.7546



80.7694, -39.9384, -87.8770

Square

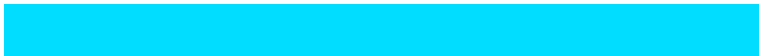
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.7694, -3.5638, 48.7552



80.7694, -67.9302, 5.1056



80.7694, -5.0615, -108.9338



80.7694, 88.3041, 3.6809

Rectangle

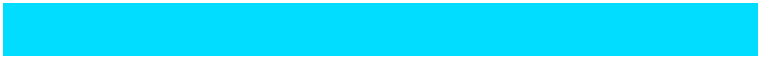
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.7674, -3.5602, 48.7546



80.7694, -55.0051, 39.0569



80.7694, -5.0615, -108.9338



80.7694, 63.1202, -59.4239

Sweetspot

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



80.7694, -3.5638, 48.7552



93.9530, -8.4978, 27.4704



46.9016, 76.0311, 21.8150



43.1169, -4.0185, 13.8099

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.7694, -3.5638, 48.7552



80.2800, -0.7797, 49.4545



89.1108, -46.2678, 53.2367



44.2339, -3.0970, 6.4771



57.3606, -0.8849, 35.3298



17.8658, -0.9569, 10.9921

Inverse Universe

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



35.0555, 43.0069, -132.0058



30.9630, 56.6949, -161.0892



32.3840, 69.1840, -145.9277



41.4789, -1.3063, -2.1732



22.4287, 39.0416, -112.3136



7.7964, 8.8411, -28.8304

Previews

White Background



This preview shows how the HunterLab color 80.7674, -3.5602, 48.7546 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 80.7674, -3.5602, 48.7546 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 80.7674, -3.5602, 48.7546 Background



This preview shows how black text looks on a background with the HunterLab color 80.7674, -3.5602, 48.7546.



This preview shows how white text looks on a background with the HunterLab color 80.7674, -3.5602,

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

80.7674, -3.5602, 48.7546

Protanopia

80.8507, -11.0887, 48.6236

Deuteranopia

80.7104, 3.6627, 38.5366



Tritanopia

80.8047, 18.4486, 6.3286

Trichromacy



Original Color

80.7674, -3.5602, 48.7546

Protanomaly

80.7788, -8.1832, 48.6293

Deuteranomaly

80.5488, 0.9270, 43.6263

Tritanomaly

80.2452, 7.6320, 30.0851

Monochromacy



Original Color

80.7674, -3.5602, 48.7546

Achromatopsia

75.9987, -4.0551, 4.1292

Achromatomaly

77.2244, -7.4825, 28.7008

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.7674, -3.5602, 48.7546 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(251, 207, 31)` looks like.

```
.text, #text, p{  
    color:rgb(251, 207, 31)  
}
```

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(251, 207, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 207, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 80.7674, -3.5602, 48.7546 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(251, 207, 31) }
```


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

```
.border{ border-color:rgb(251, 207, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 207, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 207, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 207, 31);  
box-shadow:4px 4px 4px 4px rgb(251, 207,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.7674, -3.5602, 48.7546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 207, 31) }
```

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

```
.background{ background-color: rgb(251,  
207, 31) }
```

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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