

Converting Colors

HunterLab(80.4288, 0.0274,
47.2510)

Have a look what the booklet for
HunterLab(80.4288, 0.0274,
47.2510) contains.

HunterLab(80.4268, 0.0310, 47.2503)	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(80.4268, 0.0310,
47.2503)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCC33
RGB	255, 204, 51
RGB Percent	100%, 80%, 20%
CMY	0.0000, 0.2000, 0.8000
CMYK	0.00, 0.20, 0.80, 0.00
HSL	45°, 100%, 60%
HSV	45°, 80%, 100%
XYZ	63.4303, 64.6847, 12.2742
YIQ	201.8070, 79.5090, -36.7710

Conversions

Conversions Part 2

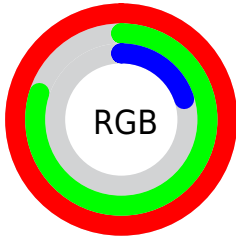
Format	Color
R _Y B	119, 255, 51
Decimal	16763955
CIE Lab	84.32, 4.52, 76.35
CIE LCh	84, 76.486, 86.613
Yxy	64.6879, 0.4518, 0.4608
Android (android.graphics.Color)	4294954035 (0xFFFFCC33)
YUV	201.8070, -74.3479, 46.6503
Hunter-Lab	80.4268, 0.0310, 47.2503

Details

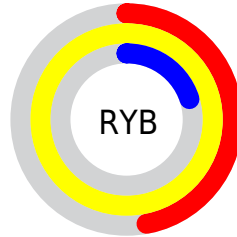
The HunterLab color **80.4268, 0.0310, 47.2503** is a light color, and the websafe version is hex **FFCC33**, and the color name is **sunglow**. The color can be described as light washed yellow. A complement of this color would be **41.7449, 30.2823, -108.1165**, and the grayscale version is **77.0543, -4.1114, 4.1865**.

A 20% lighter version of the original color is **96.9050, -22.5647, 50.2917**, and **57.6906, 1.6245, 35.5771** is the 20% darker color. If you saturate the color by 10%, you get **78.4555, 2.6964, 47.6742**, and if you desaturate by 10%, it is **82.5047, -2.2348, 45.8197**.

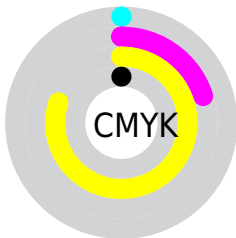
Distribution



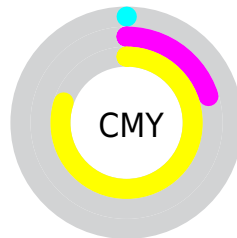
- Red (100%)
- Green (80%)
- Blue (20%)



- Red (47%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (20%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.4268, 0.0310, 47.2503 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 80.4268, 0.0310, 47.2503 by changing the saturation by 10% instead.

80.4268, 0.0310,
47.2503

80.4268, 0.0310,
47.2503

210.1593, -5.2996,
85.8175

68.7081, 0.4370,
42.2219

105.6414, -0.9161,
56.7371

57.6196, 0.8008,
36.9741

119.0811, -1.4447,
61.2361

47.2015, 1.1145,
31.4942

133.0469, -2.0085,
65.5972

37.5002, 1.3726,
26.2429

147.5196, -2.6056,
69.8361

28.5731, 1.5675,
20.0012

162.4820, -3.2345,
73.9665

20.4945, 1.6888,
14.3461

177.9187, -3.8939,

13.3648, 1.7205,

78.0003

9.3554

193.8154, -4.5827,
81.9476

■ 6.9177, 2.4773,
4.8424

0.0000, NaN, NaN

■ 80.4268, 0.0310,
47.2503

■ 80.4268, 0.0310,
47.2503

■ 78.4555, 2.6964,
47.6742

■ 82.5047, -2.2348,
45.8197

■ 76.5730, 5.6933,
47.2834

■ 84.6870, -4.0566,
43.3110

■ 76.5725, 5.6941,
47.2833

■ 86.9770, -5.4197,
39.6946

■ 89.3743, -6.3166,
34.9672

■ 91.8777, -6.7478,
29.1441

■ 94.4850, -6.7200,
22.2539

■ 97.1936, -6.2444,
14.3348

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



80.4288, 39.5538, 43.2687



80.4268, 0.0310, 47.2503



80.4288, -34.2289, 44.8219

Triad

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



80.4288, 0.0274, 47.2510



80.4288, -59.3341, -32.9921



80.4288, 65.5302, -43.4974

Complementary

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



80.4268, 0.0310, 47.2503



41.7449, 30.2823, -108.1165

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.



80.4288, 30.7772, -84.7578



80.4268, 0.0310, 47.2503



80.4288, -40.3886, -76.9814

Square

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



80.4288, 0.0274, 47.2510



80.4288, -64.5650, 8.3424



80.4288, -8.5295, -99.1978



80.4288, 81.4984, 0.2009

Rectangle

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



80.4268, 0.0310, 47.2503



80.4288, -50.4418, 38.7758



80.4288, -8.5295, -99.1978



80.4288, 55.3780, -58.7641

Sweetspot

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



80.4288, 0.0274, 47.2510



93.4295, -6.7856, 25.1376



49.5857, 74.5774, 16.8282



42.7963, -3.1381, 12.7523

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.4288, 0.0274, 47.2510



77.3176, 4.4714, 47.4964



91.9760, -42.0705, 53.9193



45.0293, -2.8729, 6.4394



55.5761, 3.7144, 34.3108



17.8336, 0.2951, 10.9942

Inverse Universe

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



41.7449, 30.2823, -108.1165



34.4128, 45.8831, -140.9918



35.2323, 63.5533, -136.3846



42.5621, -1.6284, -2.0106



24.2296, 34.8088, -105.4271



8.5791, 7.9289, -27.8394

Previews

White Background



This preview shows how the HunterLab color 80.4268, 0.0310, 47.2503 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 80.4268, 0.0310, 47.2503 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 80.4268, 0.0310, 47.2503 Background



This preview shows how black text looks on a background with the HunterLab color 80.4268, 0.0310, 47.2503.



This preview shows how white text looks on a background with the HunterLab color 80.4268, 0.0310,

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

80.4268, 0.0310, 47.2503

Protanopia

80.5296, -10.4547, 46.9591

Deuteranopia

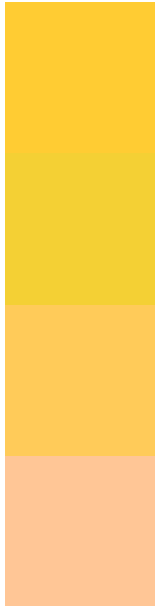
80.3908, 4.0308, 38.7272



Tritanopia

80.4652, 18.6758, 6.8832

Trichromacy



Original Color

80.4268, 0.0310, 47.2503

Protanomaly

80.3696, -6.3128, 47.0162

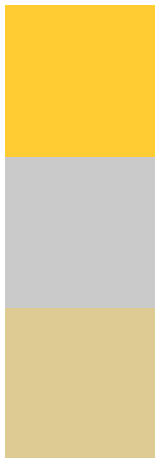
Deuteranomaly

80.4320, 2.1626, 42.6328

Tritanomaly

79.9063, 9.6970, 27.9980

Monochromacy



Original Color

80.4268, 0.0310, 47.2503

Achromatopsia

76.8517, -4.1006, 4.1755

Achromatomaly

77.5826, -5.9112, 26.6073

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.4268, 0.0310, 47.2503 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 80.4268, 0.0310, 47.2503 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, 51) }
```


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

```
.border{ border-color:rgb(255, 204, 51) }
```

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, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.4268, 0.0310, 47.2503 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, 51) }
```

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

```
.background{ background-color: rgb(255,  
204, 51) }
```

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