

Converting Colors

HunterLab(80.7094, -1.1898,
49.0151)

Have a look what the booklet for
HunterLab(80.7094, -1.1898,
49.0151) contains.

HunterLab(80.6209, -1.0295, 48.9415)	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(80.6209, -1.0295,
48.9415)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCD1A
RGB	255, 205, 26
RGB Percent	100%, 80%, 10%
CMY	0.0000, 0.1961, 0.8980
CMYK	0.00, 0.20, 0.90, 0.00
HSL	47°, 100%, 55%
HSV	47°, 90%, 100%
XYZ	63.2579, 64.9973, 10.1890
YIQ	199.5440, 87.2590, -45.0690

Conversions

Conversions Part 2

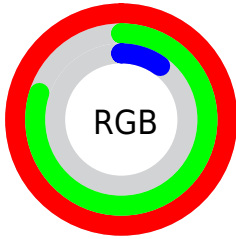
Format	Color
R _{YB}	90, 255, 26
Decimal	16764186
CIE Lab	84.48, 3.43, 82.44
CIE LCh	84, 82.516, 87.619
Yxy	65.0005, 0.4569, 0.4695
Android (android.graphics.Color)	4294954266 (0xFFFFCD1A)
YUV	199.5440, -85.5572, 48.6349
Hunter-Lab	80.6209, -1.0295, 48.9415

Details

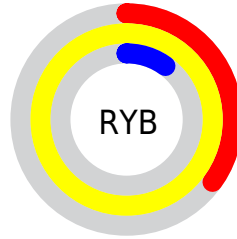
The HunterLab color **80.6209, -1.0295, 48.9415** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **35.5095, 43.7282, -135.3188**, and the grayscale version is **76.1331, -4.0623, 4.1365**.

A 20% lighter version of the original color is **96.7503, -23.4406, 52.5721**, and **57.8538, 0.7545, 35.6625** is the 20% darker color. If you saturate the color by 10%, you get **78.9370, 1.5344, 48.6564**, and if you desaturate by 10%, it is **82.3897, -3.2767, 48.4141**.

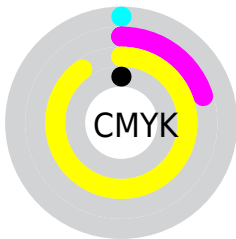
Distribution



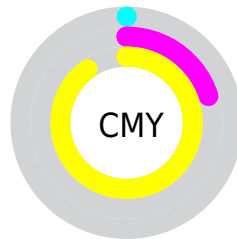
- Red (100%)
- Green (80%)
- Blue (10%)



- Red (35%)
- Yellow (100%)
- Blue (10%)



- Cyan (0%)
- Magenta (20%)
- Yellow (90%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.6209, -1.0295, 48.9415 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 80.6209, -1.0295, 48.9415 by changing the saturation by 10% instead.

80.6209, -1.0295,
48.9415

80.6209, -1.0295,
48.9415

210.4266, -6.7495,
90.2257

68.8923, -0.5710,
43.5618

105.8539, -2.0745,
59.1058

57.7933, -0.1518,
37.9608

119.3023, -2.6491,
63.9275

47.3640, 0.2207,
32.1489

133.2764, -3.2571,
68.6002

37.6507, 0.5416,
26.3555

147.7571, -3.8970,
73.1398

28.7107, 0.8046,
20.0975

162.7274, -4.5673,
77.5605

20.6176, 1.0007,
14.4323

178.1716, -5.2669,

13.4716, 1.1161,

81.8747

9.4302

194.0756, -5.9946,
86.0932

■ 7.0456, 1.7434,
4.9319

0.0000, NaN, NaN

■ 80.6209, -1.0295,
48.9415

■ 80.6209, -1.0295,
48.9415

■ 78.9370, 1.5344,
48.6564

■ 82.3897, -3.2767,
48.4141

■ 78.9036, 1.5873,
48.6478

■ 84.2496, -5.1197,
46.8819

■ 86.2074, -6.5277,
44.2691

■ 88.2653, -7.4801,
40.5370

90.4243, -7.9671,
35.6735

92.6838, -7.9867,
29.6857

95.0429, -7.5430,
22.5949

97.4997, -6.6448,
14.4328

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.



80.6229, 41.9781, 45.3185



80.6209, -1.0295, 48.9415



80.6229, -37.4423, 46.3862

Triad

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



80.6229, -1.0332, 48.9421



80.6229, -62.5403, -38.2614



80.6229, 72.9077, -46.4612

Complementary

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



80.6209, -1.0295, 48.9415



35.5095, 43.7282, -135.3188

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.



80.6229, 35.2321, -93.2249



80.6209, -1.0295, 48.9415



80.6229, -42.0471, -87.0651

Square

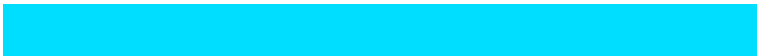
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.6229, -1.0332, 48.9421



80.6229, -68.4916, 7.4168



80.6229, -7.5277, -110.8840



80.6229, 89.6158, 1.2380

Rectangle

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



80.6209, -1.0295, 48.9415



80.6229, -54.3091, 40.1456



80.6229, -7.5277, -110.8840



80.6229, 61.9507, -63.5549

Sweetspot

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



80.6229, -1.0332, 48.9421



93.3345, -7.9089, 27.8109



47.5081, 78.5613, 21.3122



42.8143, -3.7007, 13.9193

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.6229, -1.0332, 48.9421



78.9039, 1.5873, 48.6480



91.1345, -45.5354, 54.7232



45.1421, -3.0588, 6.5587



57.2373, 0.7990, 35.2834



18.2989, -0.5002, 11.2669

Inverse Universe

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



35.5095, 43.7282, -135.3188



31.6490, 54.3024, -156.7818



31.6056, 70.9569, -156.7592



42.4506, -1.4412, -2.1501



23.2618, 37.9514, -111.0014



8.2413, 8.8449, -29.3946

Previews

White Background



This preview shows how the HunterLab color 80.6209, -1.0295, 48.9415 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 80.6209, -1.0295, 48.9415 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 80.6209, -1.0295, 48.9415 Background



This preview shows how black text looks on a background with the HunterLab color 80.6209, -1.0295, 48.9415.



This preview shows how white text looks on a background with the HunterLab color 80.6209, -1.0295,

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

80.6209, -1.0295, 48.9415

Protanopia

80.8381, -11.1590, 48.8109

Deuteranopia

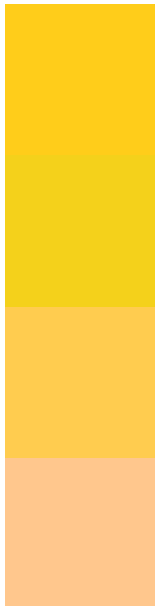
80.6831, 3.5158, 38.9377



Tritanopia

80.4955, 18.8331, 6.4502

Trichromacy



Original Color

80.6209, -1.0295, 48.9415

Protanomaly

80.5687, -7.3861, 48.7537

Deuteranomaly

80.6289, 1.1260, 44.2634

Tritanomaly

80.0187, 8.2463, 30.7801

Monochromacy



Original Color

80.6209, -1.0295, 48.9415

Achromatopsia

75.9987, -4.0551, 4.1292

Achromatomaly

76.9824, -6.8396, 29.0887

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.6209, -1.0295, 48.9415 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, 205, 26)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 26)  
}
```

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, 205, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 80.6209, -1.0295, 48.9415 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, 205, 26) }
```


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

```
.border{ border-color:rgb(255, 205, 26) }
```

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

Here you see how a box with a 4 pixel rgb(255, 205, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 26);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.6209, -1.0295, 48.9415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 26) }
```

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

```
.background{ background-color: rgb(255,  
205, 26) }
```

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