

Converting Colors

HunterLab(80.6715, -2.0927,
50.1612)

Have a look what the booklet for
HunterLab(80.6715, -2.0927,
50.1612) contains.

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Color

**HunterLab(80.7548, -2.1892,
49.7224)**

Conversions

Conversions Part 1

Format	Color
Hex	FECE00
RGB	254, 206, 0
RGB Percent	100%, 81%, 0%
CMY	0.0039, 0.1921, 0.9999
CMYK	0.00, 0.19, 1.00, 0.00
HSL	49°, 100%, 50%
HSV	49°, 100%, 100%
XYZ	62.9443, 65.2134, 9.2699
YIQ	196.8680, 94.7340, -53.8900

Conversions

Conversions Part 2

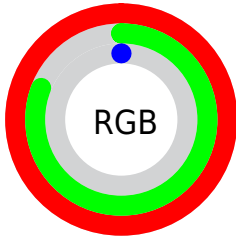
Format	Color
R _Y B	59, 254, 0
Decimal	16698880
CIE Lab	84.60, 2.23, 85.45
CIE LCh	85, 85.481, 88.508
Yxy	65.2166, 0.4580, 0.4745
Android (android.graphics.Color)	4294888960 (0xFFFECE00)
YUV	196.8680, -97.0559, 50.1048
Hunter-Lab	80.7548, -2.1892, 49.7224

Details

The HunterLab color **80.7548, -2.1892, 49.7224** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **30.4487, 57.7896, -162.8063**, and the grayscale version is **75.0395, -4.0039, 4.0770**.

A 20% lighter version of the original color is **96.6789, -23.8454, 53.6259**, and **58.0198, -0.1120, 35.7496** is the 20% darker color. If you saturate the color by 10%, you get **80.7553, -2.1906, 49.7227**, and if you desaturate by 10%, it is **82.2406, -4.3626, 49.9193**.

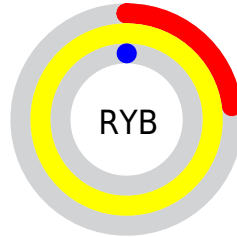
Distribution



Red (100%)

Green (81%)

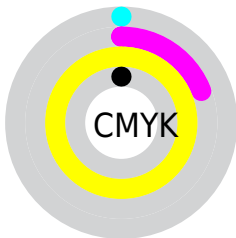
Blue (0%)



Red (23%)

Yellow (100%)

Blue (0%)

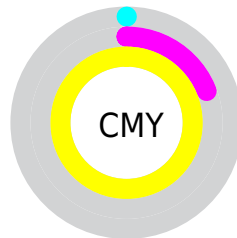


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.7548, -2.1892, 49.7224 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 80.7548, -2.1892, 49.7224 by changing the saturation by 10% instead.

80.7548, -2.1892,
49.7224

80.7548, -2.1892,
49.7224

210.6110, -8.3373,
92.3409

69.0194, -1.6730,
44.1736

106.0006, -3.3419,
60.2162

57.9131, -1.1928,
38.4049

119.4549, -3.9670,
65.1960

47.4762, -0.7555,
32.4757

133.4347, -4.6237,
70.0217

37.7547, -0.3652,
26.4283

147.9210, -5.3106,
74.7093

28.8056, -0.0271,
20.1639

162.8966, -6.0264,
79.2732

20.7026, 0.2515,
14.4918


178.3460, -6.7701,

13.5454, 0.4597,


83.7259


9.4818

194.2551, -7.5407,
88.0785


 7.1325, 0.9787,
4.9927


0.0000, NaN, NaN


 80.7548, -2.1892,
49.7224

 80.7548, -2.1892,
49.7224

 80.7553, -2.1906,
49.7227

 82.2406, -4.3626,
49.9193

 83.7964, -6.2201,
49.3243

 85.4373, -7.6867,
47.7380

 87.1689, -8.7256,
45.0764

■ 88.9945, -9.3144,
41.2924

■ 90.9157, -9.4405,
36.3649

■ 92.9331, -9.0993,
30.2928

■ 95.0464, -8.2922,
23.0896

■ 97.2545, -7.0256,
14.7804

Harmonies

Analogous

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



80.7568, 42.5250, 46.3718



80.7548, -2.1892, 49.7224



80.7568, -39.4638, 47.0315

Triad

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



80.7568, -2.1928, 49.7230



80.7568, -63.8969, -41.7282



80.7568, 77.0509, -47.1277

Complementary

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



80.7548, -2.1892, 49.7224



30.4487, 57.7896, -162.8063

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.



80.7568, 38.1154, -96.9138



80.7548, -2.1892, 49.7224



80.7568, -42.4332, -92.8290

Square

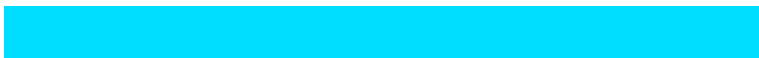
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.7568, -2.1928, 49.7230



80.7568, -70.4028, 6.3770



80.7568, -6.4121, -116.8627



80.7568, 93.7045, 2.3631

Rectangle

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



80.7548, -2.1892, 49.7224



80.7568, -56.4887, 40.6045



80.7568, -6.4121, -116.8627



80.7568, 65.7884, -65.1636

Sweetspot

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



80.7568, -2.1928, 49.7230



93.3464, -9.1410, 30.4395



46.1613, 79.5638, 25.8411



42.7855, -4.3223, 15.3369

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.7568, -2.1928, 49.7230



81.1144, -2.1954, 49.9439



89.6243, -49.7767, 54.3542



45.2469, -3.2312, 6.6693



58.8118, -1.8865, 36.2065



18.7382, -1.2331, 11.5248

Inverse Universe

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



30.4487, 57.7896, -162.8063



30.5764, 58.0791, -163.5940



29.4986, 74.7694, -168.9748



42.3474, -1.2674, -2.2796



22.4562, 40.7191, -115.9692



7.9461, 9.6894, -30.8486

Previews

White Background



This preview shows how the HunterLab color 80.7548, -2.1892, 49.7224 looks on a white background.

Color Contrast Check

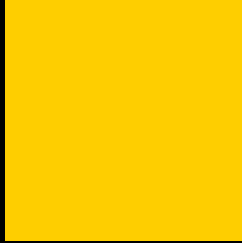
Large Text (above 18pt) WCAG AA × Fail

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 80.7548, -2.1892, 49.7224 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 80.7548, -2.1892, 49.7224 Background



This preview shows how black text looks on a background with the HunterLab color 80.7548, -2.1892, 49.7224.



This preview shows how white text looks on a background with the HunterLab color 80.7548, -2.1892,

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

80.7548, -2.1892, 49.7224

Protanopia

80.8012, -11.3645, 49.3580

Deuteranopia

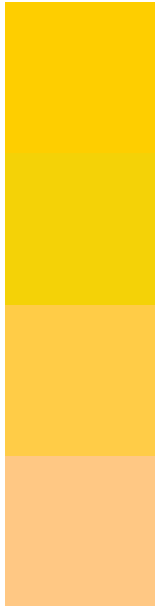
80.7104, 3.6627, 38.5366



Tritanopia

80.7743, 18.2907, 6.7626

Trichromacy



Original Color

80.7548, -2.1892, 49.7224

Protanomaly

80.8342, -8.0981, 49.5204

Deuteranomaly

80.5609, 0.7580, 45.2673

Tritanomaly

80.1464, 6.8689, 33.3571

Monochromacy



Original Color

80.7548, -2.1892, 49.7224

Achromatopsia

74.7222, -3.9870, 4.0598

Achromatomaly

75.9570, -7.7409, 31.5241

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.7548, -2.1892, 49.7224 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(254, 206, 0)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 0)  
}
```

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(254, 206, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 80.7548, -2.1892, 49.7224 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(254, 206, 0) }
```


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

```
.border{ border-color:rgb(254, 206, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 206, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 206, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 206, 0);  
box-shadow:4px 4px 4px 4px rgb(254, 206,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.7548, -2.1892, 49.7224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 206, 0) }
```

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

```
.background{ background-color: rgb(254,  
206, 0) }
```

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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