

Converting Colors

HunterLab(80.5298, -1.2050,
49.6010)

Have a look what the booklet for
HunterLab(80.5298, -1.2050,
49.6010) contains.

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Color

**HunterLab(80.5746, -1.2812,
49.6273)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCD00
RGB	255, 205, 0
RGB Percent	100%, 80%, 0%
CMY	0.0000, 0.1961, 0.9999
CMYK	0.00, 0.20, 1.00, 0.00
HSL	48°, 100%, 50%
HSV	48°, 100%, 100%
XYZ	63.0713, 64.9227, 9.2071
YIQ	196.5800, 95.6050, -53.1550

Conversions

Conversions Part 2

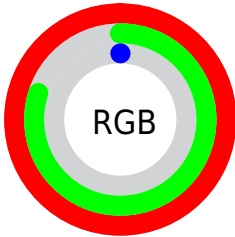
Format	Color
RYB	62, 255, 0
Decimal	16764160
CIELab	84.45, 3.16, 85.39
CIELCh	84, 85.452, 87.878
Yxy	64.9259, 0.4597, 0.4732
Android (android.graphics.Color)	4294954240 (0xFFFFCD00)
YUV	196.5800, -96.9139, 51.2343
Hunter-Lab	80.5746, -1.2812, 49.6273

Details

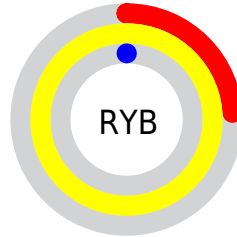
The HunterLab color **80.5746, -1.2812, 49.6273** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **30.8263, 57.1819, -161.9668**, and the grayscale version is **74.9162, -3.9973, 4.0703**.

A 20% lighter version of the original color is **96.6789, -23.8454, 53.6259**, and **57.8538, 0.7545, 35.6625** is the 20% darker color. If you saturate the color by 10%, you get **80.5752, -1.2827, 49.6276**, and if you desaturate by 10%, it is **82.1150, -3.5597, 49.8509**.

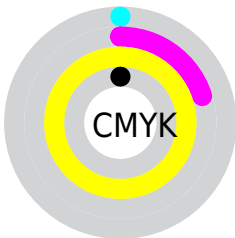
Distribution



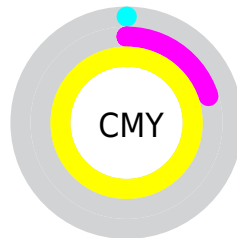
- Red (100%)
- Green (80%)
- Blue (0%)



- Red (24%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.5746, -1.2812, 49.6273 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 80.5746, -1.2812, 49.6273 by changing the saturation by 10% instead.

80.5746, -1.2812,
49.6273

80.5746, -1.2812,
49.6273

210.3629, -7.0932,
92.2378

68.8484, -0.8104,
44.0786

105.8032, -2.3494,
60.1203

57.7518, -0.3781,
38.3099

119.2495, -2.9348,
65.0994

47.3253, 0.0083,
32.3851

133.2217, -3.5533,
69.9243

37.6148, 0.3441,
26.3304

147.7005, -4.2033,
74.6109

28.6779, 0.6231,
20.0745

162.6688, -4.8834,
79.1737

20.5882, 0.8367,
14.4117

178.1113, -5.5924,

13.4462, 0.9718,

83.6253

9.4123

194.0136, -6.3294,
87.9767

■ 7.0153, 1.5904,
4.9107

0.0000, NaN, NaN

■ 80.5746, -1.2812,
49.6273

■ 80.5746, -1.2812,
49.6273

■ 80.5752, -1.2827,
49.6276

■ 82.1150, -3.5597,
49.8509

■ 83.7276, -5.5191,
49.2762

■ 85.4274, -7.0840,
47.7040

■ 87.2199, -8.2182,
45.0515

■ 89.1080, -8.8993,
41.2732

■ 91.0934, -9.1155,
36.3500

■ 93.1763, -8.8625,
30.2827

■ 95.3562, -8.1427,
23.0867

■ 97.6319, -6.9629,
14.7888

Harmonies

Analogous

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



80.5766, 43.4110, 46.1432



80.5746, -1.2812, 49.6273



80.5766, -38.7672, 47.0792

Triad

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



80.5766, -1.2849, 49.6279



80.5766, -64.0970, -40.5648



80.5766, 76.3475, -48.2379

Complementary

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



80.5746, -1.2812, 49.6273



30.8263, 57.1819, -161.9668

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.



80.5766, 37.1460, -97.6806



80.5746, -1.2812, 49.6273



80.5766, -42.9847, -91.8751

Square

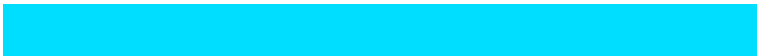
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.5766, -1.2849, 49.6279



80.5766, -70.2875, 7.1851



80.5766, -7.2787, -116.7394



80.5766, 93.5883, 1.4828

Rectangle

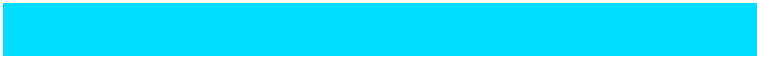
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.5746, -1.2812, 49.6273



80.5766, -55.9816, 40.8247



80.5766, -7.2787, -116.7394



80.5766, 64.9526, -66.2357

Sweetspot

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



80.5766, -1.2849, 49.6279



93.1747, -8.8630, 30.2889



46.3676, 79.9189, 25.9630



42.6951, -4.1761, 15.2605

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.5766, -1.2849, 49.6279



80.5755, -1.2827, 49.6278



90.0247, -50.0040, 54.5970



45.2215, -3.1895, 6.6426



58.4280, -1.2385, 35.9814



18.6313, -1.0562, 11.4620

Inverse Universe

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



30.8263, 57.1819, -161.9668



30.8236, 57.1911, -161.9859



29.6280, 75.1023, -169.7512



42.3724, -1.3095, -2.2482



22.6427, 40.0652, -114.7908



8.0158, 9.4859, -30.4965

Previews

White Background



This preview shows how the HunterLab color 80.5746, -1.2812, 49.6273 looks on a white background.

Color Contrast Check

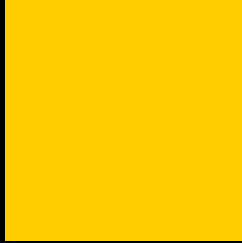
Large Text (above 18pt) WCAG AA × Fail

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 80.5746, -1.2812, 49.6273 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 80.5746, -1.2812, 49.6273 Background



This preview shows how black text looks on a background with the HunterLab color 80.5746, -1.2812, 49.6273.



This preview shows how white text looks on a background with the HunterLab color 80.5746, -1.2812, 49.6273.

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

80.5746, -1.2812, 49.6273

Protanopia

80.8012, -11.3645, 49.3580

Deuteranopia

80.6831, 3.5158, 38.9377



Tritanopia

80.4652, 18.6758, 6.8832

Trichromacy



Original Color

80.5746, -1.2812, 49.6273

Protanomaly

80.5291, -7.6046, 49.3405

Deuteranomaly

80.5530, 0.7152, 45.3841

Tritanomaly

79.8408, 7.2985, 33.3796

Monochromacy



Original Color

80.5746, -1.2812, 49.6273

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 80.5746, -1.2812, 49.6273 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 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(255, 205, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 80.5746, -1.2812, 49.6273 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, 0) }
```


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

```
.border{ border-color:rgb(255, 205, 0) }
```

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, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.5746, -1.2812, 49.6273 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, 0) }
```

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

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