

Converting Colors

HunterLab(80.7549, -6.8058,
49.4519)

Have a look what the booklet for
HunterLab(80.7549, -6.8058,
49.4519) contains.

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Color

**HunterLab(80.7549, -6.8058,
49.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D109
RGB	246, 209, 9
RGB Percent	96%, 82%, 4%
CMY	0.0353, 0.1804, 0.9646
CMYK	0.00, 0.15, 0.96, 0.04
HSL	51°, 93%, 50%
HSV	51°, 96%, 96%
XYZ	60.8558, 65.2135, 9.6385
YIQ	197.2630, 86.2520, -54.3560

Conversions

Conversions Part 2

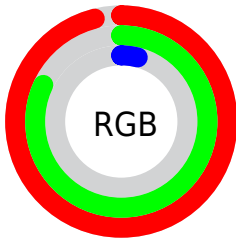
Format	Color
R _Y B	53, 246, 9
Decimal	16175369
CIE Lab	84.60, -2.65, 84.30
CIE LCh	85, 84.343, 91.800
Yxy	65.2167, 0.4484, 0.4805
Android (android.graphics.Color)	4294365449 (0xFFFF6D109)
YUV	197.2630, -92.8137, 42.7423
Hunter-Lab	80.7549, -6.8058, 49.4519

Details

The HunterLab color **80.7549, -6.8058, 49.4519** 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 **29.4405, 55.9478, -156.4668**, and the grayscale version is **75.1926, -4.0121, 4.0854**.

A 20% lighter version of the original color is **96.7048, -23.6986, 53.2437**, and **58.1008, -4.1971, 35.7279** is the 20% darker color. If you saturate the color by 10%, you get **80.3172, -6.1784, 49.3829**, and if you desaturate by 10%, it is **81.9863, -8.3924, 49.2986**.

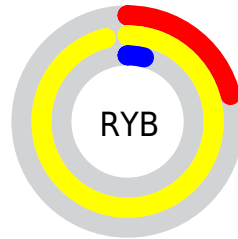
Distribution



Red (96%)

Green (82%)

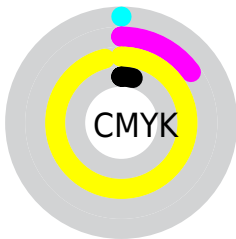
Blue (4%)



Red (21%)

Yellow (96%)

Blue (4%)

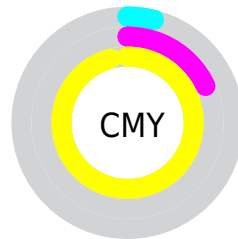


Cyan (0%)

Magenta (15%)

Yellow (96%)

Black (4%)



Cyan (4%)

Magenta (18%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.7549, -6.8058, 49.4519 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 80.7549, -6.8058, 49.4519 by changing the saturation by 10% instead.

80.7549, -6.8058,
49.4519

80.7549, -6.8058,
49.4519

210.6111,
-14.6945, 91.5552

69.0194, -6.0534,
43.9684

106.0006, -8.3972,
59.8183

57.9132, -5.3239,
38.2642

119.4550, -9.2281,
64.7371

47.4763, -4.6212,
32.3753

133.4348,
-10.0828, 69.5036

37.7547, -3.9459,
26.4283

147.9211,
-10.9607, 74.1341

28.8057, -3.2980,
20.1640

162.8967,
-11.8613, 78.6427

20.7027, -2.6770,
14.4919

178.3461,

13.5455, -2.0808,

-12.7842, 83.0420

9.4818

194.2552,
-13.7287, 87.3429

■ 7.1325, -1.9994,
4.9928

0.0000, NaN, NaN

■ 80.7549, -6.8058,
49.4519

■ 80.7549, -6.8058,
49.4519

■ 80.3172, -6.1784,
49.3829

■ 81.9863, -8.3924,
49.2986

■ 83.2856, -9.6390,
48.2803

■ 84.6629, -10.5007,
46.2787

■ 86.1233, -10.9461,
43.2201

■ 87.6700, -10.9548,
39.0607

■ 89.3052, -10.5151,
33.7791

■ 91.0299, -9.6223,
27.3713

■ 92.8442, -8.2770,
19.8470

■ 94.7478, -6.4844,
11.2268

Harmonies

Analogous

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



80.7569, 37.0483, 46.8023



80.7549, -6.8058, 49.4519



80.7569, -42.2741, 46.0012

Triad

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



80.7569, -6.8092, 49.4525



80.7569, -61.6506, -46.8308



80.7569, 78.9198, -40.4374

Complementary

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



80.7549, -6.8058, 49.4519



29.4405, 55.9478, -156.4668

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.



80.7569, 42.2848, -90.6418



80.7549, -6.8058, 49.4519



80.7569, -38.7290, -95.4652

Square

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



80.7569, -6.8092, 49.4525



80.7569, -69.6973, 1.9703



80.7569, -1.7867, -114.5610



80.7569, 92.1449, 6.7484

Rectangle

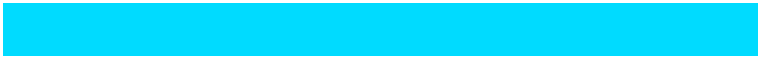
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.7549, -6.8058, 49.4519



80.7569, -58.0300, 38.7038



80.7569, -1.7867, -114.5610



80.7569, 68.6128, -58.2017

Sweetspot

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



80.7569, -6.8092, 49.4525



94.3254, -10.3236, 30.4467



44.7285, 75.9598, 25.1094



43.2838, -4.9614, 15.4091

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.7569, -6.8092, 49.4525



83.6418, -6.3980, 51.4277



86.1087, -49.2334, 52.0194



43.4132, -3.2730, 6.4845



58.8241, -4.7510, 36.1640



17.7690, -1.9427, 10.9151

Inverse Universe

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



29.4405, 55.9478, -156.4668



29.5374, 61.9354, -170.6198



29.8752, 71.7478, -153.3678



40.4281, -1.0324, -2.3002



21.0551, 42.1638, -117.3364



7.1477, 9.4614, -29.3584

Previews

White Background



This preview shows how the HunterLab color 80.7549, -6.8058, 49.4519 looks on a white background.

Color Contrast Check

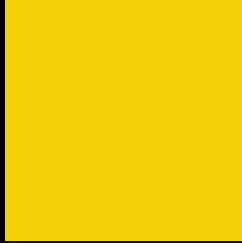
Large Text (above 18pt) WCAG AA × Fail

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 80.7549, -6.8058, 49.4519 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 80.7549, -6.8058, 49.4519 Background



This preview shows how black text looks on a background with the HunterLab color 80.7549, -6.8058, 49.4519.



This preview shows how white text looks on a background with the HunterLab color 80.7549, -6.8058,

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

80.7549, -6.8058, 49.4519

Protanopia

80.8012, -11.3645, 49.3580

Deuteranopia

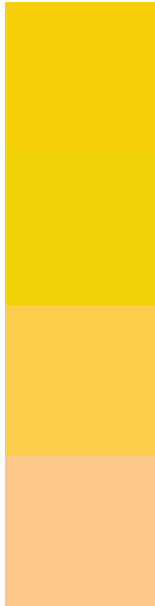
80.6967, 3.5889, 38.7383



Tritanopia

80.5566, 19.1503, 5.5769

Trichromacy



Original Color

80.7549, -6.8058, 49.4519

Protanomaly

80.8154, -9.7315, 49.4170

Deuteranomaly

80.5311, -0.8171, 44.8388

Tritanomaly

79.8634, 6.0618, 32.0253

Monochromacy



Original Color

80.7549, -6.8058, 49.4519

Achromatopsia

74.7222, -3.9870, 4.0598

Achromatomaly

76.0298, -8.9179, 30.4970

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.7549, -6.8058, 49.4519 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(246, 209, 9)` looks like.

```
.text, #text, p{  
    color:rgb(246, 209, 9)  
}
```

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(246, 209, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 209, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 80.7549, -6.8058, 49.4519 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(246, 209, 9) }
```


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

```
.border{ border-color:rgb(246, 209, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 209, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 209, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 209, 9);  
box-shadow:4px 4px 4px 4px rgb(246, 209,  
9) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.7549, -6.8058, 49.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 209, 9) }
```

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

```
.background{ background-color: rgb(246,  
209, 9) }
```

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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