

Converting Colors

HunterLab(79.9402, -9.0658,
48.8958)

Have a look what the booklet for
HunterLab(79.9402, -9.0658,
48.8958) contains.

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Color

**HunterLab(80.0925, -9.1373,
48.9801)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D10A
RGB	240, 209, 10
RGB Percent	94%, 82%, 4%
CMY	0.0588, 0.1804, 0.9607
CMYK	0.00, 0.13, 0.96, 0.06
HSL	52°, 92%, 49%
HSV	52°, 96%, 94%
XYZ	58.7904, 64.1481, 9.5704
YIQ	195.5830, 82.3550, -55.3170

Conversions

Conversions Part 2

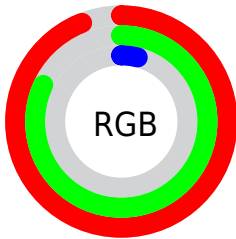
Format	Color
RYB	46, 240, 10
Decimal	15782154
CIELab	84.04, -5.21, 83.56
CIElCh	84, 83.724, 93.565
Yxy	64.1512, 0.4437, 0.4841
Android (android.graphics.Color)	4293972234 (0xFFFF0D10A)
YUV	195.5830, -91.4924, 38.9537
Hunter-Lab	80.0925, -9.1373, 48.9801

Details

The HunterLab color **80.0925, -9.1373, 48.9801** 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 **28.1834, 56.1138, -155.0764**, and the grayscale version is **74.4742, -3.9738, 4.0463**.

A 20% lighter version of the original color is **96.7048, -23.6986, 53.2437**, and **57.4686, -6.4204, 35.2995** is the 20% darker color. If you saturate the color by 10%, you get **79.6674, -8.5538, 48.9409**, and if you desaturate by 10%, it is **81.1469, -10.4033, 48.7131**.

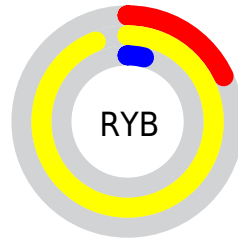
Distribution



Red (94%)

Green (82%)

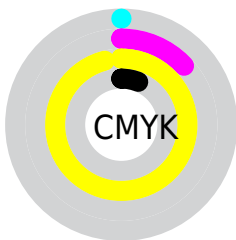
Blue (4%)



Red (18%)

Yellow (94%)

Blue (4%)

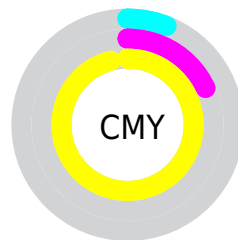


Cyan (0%)

Magenta (13%)

Yellow (96%)

Black (6%)



Cyan (6%)

Magenta (18%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.0925, -9.1373, 48.9801 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 80.0925, -9.1373, 48.9801 by changing the saturation by 10% instead.

80.0925, -9.1373,
48.9801

80.0925, -9.1373,
48.9801

209.6987,
-17.9408, 90.8183

68.3909, -8.2599,
43.5268

105.2752,
-10.9602, 59.2852

57.3205, -7.3980,
37.8522

118.7000,
-11.8994, 64.1735

46.9217, -6.5539,
31.9955

132.6514,
-12.8582, 68.9099

37.2411, -5.7259,
26.0687

147.1102,
-13.8365, 73.5107

28.3365, -4.9112,
19.8356

162.0592,
-14.8341, 77.9901

20.2827, -4.1042,
14.1979

177.4829,

13.1813, -3.2943,

-15.8508, 82.3607

9.2269

193.3671,
-16.8865, 86.6335

■ 6.6914, -3.7478,
4.6839

0.0000, NaN, NaN

■ 80.0925, -9.1373,
48.9801

■ 80.0925, -9.1373,
48.9801

■ 79.6674, -8.5538,
48.9409

■ 81.1469, -10.4033,
48.7131

■ 82.2643, -11.3402,
47.6048

■ 83.4544, -11.9052,
45.5409

■ 84.7225, -12.0672,
42.4471

■ 86.0723, -11.8053,
38.2769

■ 87.5061, -11.1070,
33.0050

■ 89.0254, -9.9662,
26.6227

■ 90.6307, -8.3821,
19.1351

■ 92.3222, -6.3586,
10.5581

Harmonies

Analogous

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



80.0944, 34.0909, 46.7221



80.0925, -9.1373, 48.9801



80.0944, -43.5091, 45.1442

Triad

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



80.0944, -9.1406, 48.9807



80.0944, -60.1353, -49.4392



80.0944, 79.6314, -36.9234

Complementary

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



80.0925, -9.1373, 48.9801



28.1834, 56.1138, -155.0764

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.



80.0944, 44.3482, -87.1737



80.0925, -9.1373, 48.9801



80.0944, -36.5557, -96.6088

Square

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



80.0944, -9.1406, 48.9807



80.0944, -68.9551, -0.4650



80.0944, 0.7036, -113.0704



80.0944, 91.0147, 8.9019

Rectangle

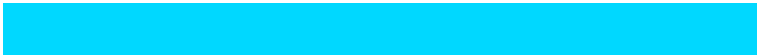
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.0925, -9.1373, 48.9801



80.0944, -58.5273, 37.4245



80.0944, 0.7036, -113.0704



80.0944, 69.8650, -54.4864

Sweetspot

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



80.0944, -9.1406, 48.9807



94.8281, -11.1287, 30.8881



43.5069, 73.6484, 24.7803



43.5503, -5.3868, 15.6343

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.0944, -9.1406, 48.9807



85.3113, -9.1080, 52.4090



83.5252, -48.6887, 50.4111



42.5140, -3.3143, 6.4058



59.0662, -6.5246, 36.2821



17.3261, -2.3433, 10.6353

Inverse Universe

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



28.1834, 56.1138, -155.0764



28.9570, 64.1822, -174.7447



29.5101, 69.9598, -146.2194



39.4615, -0.8946, -2.3259



20.3181, 43.0890, -118.4127



6.7129, 9.4804, -28.8559

Previews

White Background



This preview shows how the HunterLab color 80.0925, -9.1373, 48.9801 looks on a white background.

Color Contrast Check

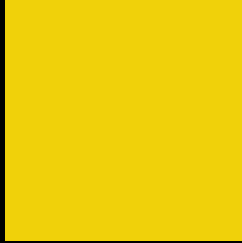
Large Text (above 18pt) WCAG AA × Fail

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 80.0925, -9.1373, 48.9801 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 80.0925, -9.1373, 48.9801 Background



This preview shows how black text looks on a background with the HunterLab color 80.0925, -9.1373, 48.9801.

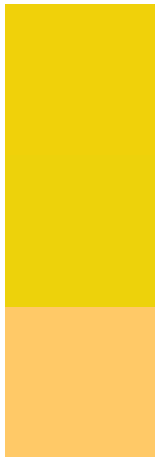


This preview shows how white text looks on a background with the HunterLab color 80.0925, -9.1373,

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

80.0925, -9.1373, 48.9801

Protanopia

80.0761, -10.7723, 48.9195

Deuteranopia

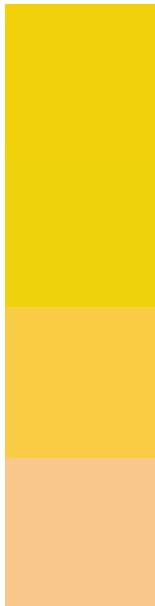
80.0079, 4.0547, 39.8623



Tritanopia

79.9265, 18.5708, 4.8285

Trichromacy



Original Color

80.0925, -9.1373, 48.9801

Protanomaly

80.1838, -10.3892, 48.9929

Deuteranomaly

79.9621, -1.3267, 45.0744

Tritanomaly

79.1261, 5.1172, 31.1129

Monochromacy



Original Color

80.0925, -9.1373, 48.9801

Achromatopsia

74.2975, -3.9643, 4.0367

Achromatomaly

75.7158, -10.0676, 30.4878

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.0925, -9.1373, 48.9801 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(240, 209, 10)` looks like.

```
.text, #text, p{  
    color:rgb(240, 209, 10)  
}
```

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(240, 209, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 80.0925, -9.1373, 48.9801 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(240, 209, 10) }
```


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

```
.border{ border-color:rgb(240, 209, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 209, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 209, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 209, 10);  
box-shadow:4px 4px 4px 4px rgb(240, 209,  
10) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.0925, -9.1373, 48.9801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 209, 10) }
```

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

```
.background{ background-color: rgb(240,  
209, 10) }
```

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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