

Converting Colors

HunterLab(81.7347, -7.5901,
50.0340)

Have a look what the booklet for
HunterLab(81.7347, -7.5901,
50.0340) contains.

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Color

**HunterLab(81.7821, -7.8914,
50.0474)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D40A
RGB	247, 212, 10
RGB Percent	97%, 83%, 4%
CMY	0.0314, 0.1686, 0.9607
CMYK	0.00, 0.14, 0.96, 0.03
HSL	51°, 94%, 50%
HSV	51°, 96%, 97%
XYZ	61.9561, 66.8831, 9.9315
YIQ	199.4370, 85.7020, -55.4020

Conversions

Conversions Part 2

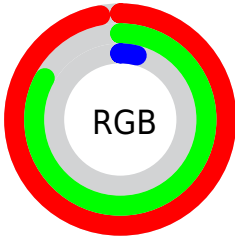
Format	Color
R _Y B	51, 247, 10
Decimal	16241674
CIE Lab	85.45, -3.74, 84.88
CIE LCh	85, 84.957, 92.521
Yxy	66.8864, 0.4465, 0.4820
Android (android.graphics.Color)	4294431754 (0xFFF7D40A)
YUV	199.4370, -93.3924, 41.7128
Hunter-Lab	81.7821, -7.8914, 50.0474

Details

The HunterLab color **81.7821, -7.8914, 50.0474** 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 **29.4251, 56.8072, -158.1793**, and the grayscale version is **76.1209, -4.0616, 4.1358**.

A 20% lighter version of the original color is **96.7048, -23.6986, 53.2437**, and **59.0701, -5.2341, 36.3071** is the 20% darker color. If you saturate the color by 10%, you get **81.3188, -7.2362, 49.9816**, and if you desaturate by 10%, it is **82.9629, -9.3693, 49.8360**.

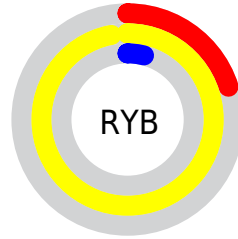
Distribution



Red (97%)

Green (83%)

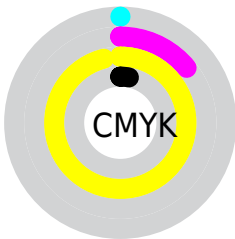
Blue (4%)



Red (20%)

Yellow (97%)

Blue (4%)

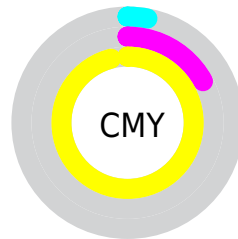


Cyan (0%)

Magenta (14%)

Yellow (96%)

Black (3%)



Cyan (3%)

Magenta (17%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.7821, -7.8914, 50.0474 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 81.7821, -7.8914, 50.0474 by changing the saturation by 10% instead.

81.7821, -7.8914,
50.0474

81.7821, -7.8914,
50.0474

212.0236,
-16.1887, 92.3045

69.9945, -7.0837,
44.5495

107.1250, -9.5858,
60.4452

58.8331, -6.2957,
38.8320

120.6248,
-10.4650, 65.3807

48.3376, -5.5308,
32.9168

134.6485,
-11.3661, 70.1645

38.5531, -4.7886,
26.9871

149.1770,
-12.2889, 74.8124

29.5357, -4.0681,
20.6750

164.1935,
-13.2329, 79.3387

21.3572, -3.3671,
14.9501

179.6826,

14.1147, -2.6802,

-14.1978, 83.7557

9.8803

195.6302,
-15.1832, 88.0745

■ 7.7651, -2.5115,
5.4356

0.0000, NaN, NaN

■ 81.7821, -7.8914,
50.0474

■ 81.7821, -7.8914,
50.0474

■ 81.3188, -7.2362,
49.9816

■ 82.9629, -9.3693,
49.8360

■ 84.2109, -10.5049,
48.7522

■ 85.5360, -11.2538,
46.6779

■ 86.9436, -11.5842,
43.5384

■ 88.4372, -11.4754,
39.2885

■ 90.0188, -10.9153,
33.9050

■ 91.6899, -9.8984,
27.3822

■ 93.4506, -8.4250,
19.7281

■ 95.3008, -6.4999,
10.9622

Harmonies

Analogous

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



81.7841, 36.3957, 47.5187



81.7821, -7.8914, 50.0474



81.7841, -43.4640, 46.3813

Triad

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



81.7841, -7.8949, 50.0480



81.7841, -62.0005, -48.6493



81.7841, 80.4613, -39.5990

Complementary

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



81.7821, -7.8914, 50.0474



29.4251, 56.8072, -158.1793

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.



81.7841, 43.8106, -90.6155



81.7821, -7.8914, 50.0474



81.7841, -38.4408, -97.4408

Square

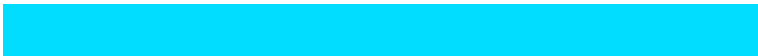
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.7841, -7.8949, 50.0480



81.7841, -70.4973, 0.9953



81.7841, -0.7807, -115.7385



81.7841, 93.1269, 7.7636

Rectangle

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



81.7821, -7.8914, 50.0474



81.7841, -59.1619, 38.7920



81.7841, -0.7807, -115.7385



81.7841, 70.2169, -57.5598

Sweetspot

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



81.7841, -7.8949, 50.0480



94.5240, -10.6422, 30.6212



44.9284, 76.1277, 25.6643



43.3891, -5.1297, 15.4982

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.7841, -7.8949, 50.0480



84.2994, -7.4715, 51.8141



86.2797, -50.3656, 52.0855



43.4420, -3.3202, 6.5147



59.2774, -5.4891, 36.4304



17.8870, -2.1317, 10.9846

Inverse Universe

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



29.4251, 56.8072, -158.1793



29.2989, 62.8502, -172.2966



30.4278, 72.3391, -151.4468



40.3999, -0.9847, -2.3357



20.8758, 42.8347, -118.5607



7.0721, 9.6927, -29.7634

Previews

White Background



This preview shows how the HunterLab color 81.7821, -7.8914, 50.0474 looks on a white background.

Color Contrast Check

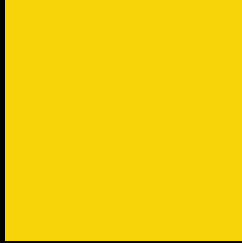
Large Text (above 18pt) WCAG AA × Fail

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 81.7821, -7.8914, 50.0474 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 81.7821, -7.8914, 50.0474 Background



This preview shows how black text looks on a background with the HunterLab color 81.7821, -7.8914, 50.0474.



This preview shows how white text looks on a background with the HunterLab color 81.7821, -7.8914,

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

81.7821, -7.8914, 50.0474

Protanopia

81.7438, -11.1840, 49.9221

Deuteranopia

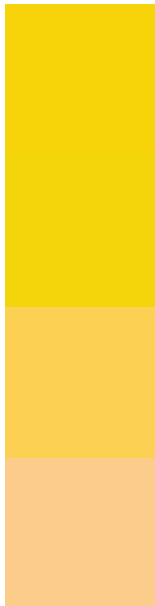
81.7513, 2.9787, 36.8365



Tritanopia

81.7682, 17.4591, 5.5263

Trichromacy



Original Color

81.7821, -7.8914, 50.0474

Protanomaly

81.6501, -9.9325, 49.9086

Deuteranomaly

81.4963, -1.9501, 44.3760

Tritanomaly

81.0834, 4.2748, 32.1772

Monochromacy



Original Color

81.7821, -7.8914, 50.0474

Achromatopsia

75.5728, -4.0324, 4.1060

Achromatomaly

77.0690, -9.9377, 31.0685

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.7821, -7.8914, 50.0474 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(247, 212, 10)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 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(247, 212, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 81.7821, -7.8914, 50.0474 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(247, 212, 10) }
```


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

```
.border{ border-color:rgb(247, 212, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 10);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
10) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.7821, -7.8914, 50.0474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 10) }
```

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

```
.background{ background-color: rgb(247,  
212, 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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