

Converting Colors

HunterLab(81.4804, -11.6031,
50.0047)

Have a look what the booklet for
HunterLab(81.4804, -11.6031,
50.0047) contains.

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Color

**HunterLab(81.6201,
-11.6574, 50.0898)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D600
RGB	240, 214, 0
RGB Percent	94%, 84%, 0%
CMY	0.0588, 0.1608, 0.9999
CMYK	0.00, 0.11, 1.00, 0.06
HSL	54°, 100%, 47%
HSV	54°, 100%, 94%
XYZ	59.9818, 66.6184, 9.6973
YIQ	197.3780, 84.1900, -61.0420

Conversions

Conversions Part 2

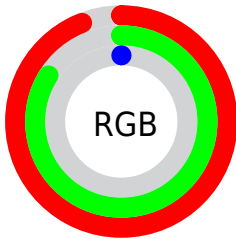
Format	Color
R _Y B	29, 240, 0
Decimal	15783424
CIE Lab	85.31, -7.81, 85.36
CIE LCh	85, 85.714, 95.230
Yxy	66.6216, 0.4401, 0.4888
Android (android.graphics.Color)	4293973504 (0xFFFF0D600)
YUV	197.3780, -97.3074, 37.3795
Hunter-Lab	81.6201, -11.6574, 50.0898

Details

The HunterLab color **81.6201, -11.6574, 50.0898** 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 **26.5164, 61.9652, -166.9041**, and the grayscale version is **75.2608, -4.0157, 4.0891**.

A 20% lighter version of the original color is **96.6874, -23.7971, 53.5002**, and **58.9282, -8.7336, 36.1584** is the 20% darker color. If you saturate the color by 10%, you get **81.6210, -11.6594, 50.0904**, and if you desaturate by 10%, it is **82.4706, -12.7028, 49.9732**.

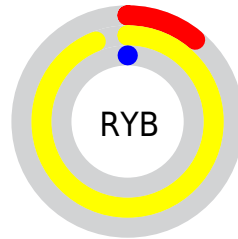
Distribution



Red (94%)

Green (84%)

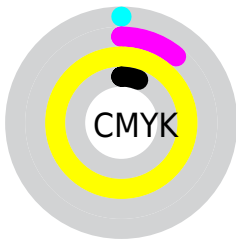
Blue (0%)



Red (11%)

Yellow (94%)

Blue (0%)

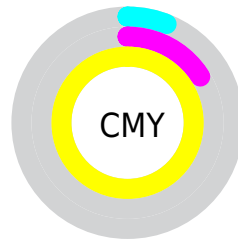


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.6201, -11.6574, 50.0898 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 81.6201, -11.6574, 50.0898 by changing the saturation by 10% instead.

81.6201, -11.6574,
50.0898

81.6201, -11.6574,
50.0898

211.8010,
-21.4308, 92.5783

69.8407, -10.6481,
44.5618

106.9477,
-13.7253, 60.5459

58.6880, -9.6466,
38.8142

120.4404,
-14.7792, 65.5090

48.2016, -8.6538,
32.8804

134.4571,
-15.8484, 70.3194

38.4270, -7.6658,
26.8989

148.9791,
-16.9331, 74.9930

29.4203, -6.6768,
20.5942

163.9891,
-18.0335, 79.5439

21.2537, -5.6767,
14.8776

179.4720,

14.0246, -4.6470,

-19.1499, 83.9846

9.8172

195.4135,
-20.2823, 88.3262

■ 7.6689, -4.8493,
5.3683

0.0000, NaN, NaN

■ 81.6201, -11.6574,
50.0898

■ 81.6201, -11.6574,
50.0898

■ 81.6210, -11.6594,
50.0904

■ 82.4706, -12.7028,
49.9732

■ 83.3722, -13.4713,
49.1469

■ 84.3401, -13.8894,
47.4134

■ 85.3811, -13.9190,
44.6783

■ 86.5000, -13.5335,
40.8779

■ 87.7001, -12.7150,
35.9719

■ 88.9838, -11.4527,
29.9379

■ 90.3527, -9.7415,
22.7690

■ 91.8076, -7.5816,
14.4708

Harmonies

Analogous

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



81.6221, 32.6908, 48.1545



81.6201, -11.6574, 50.0898



81.6221, -46.2733, 45.8007

Triad

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



81.6221, -11.6607, 50.0904



81.6221, -60.8580, -54.1653



81.6221, 83.6602, -35.1955

Complementary

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



81.6201, -11.6574, 50.0898



26.5164, 61.9652, -166.9041

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.



81.6221, 48.2064, -87.7082



81.6201, -11.6574, 50.0898



81.6221, -35.7908, -102.0318

Square

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



81.6221, -11.6607, 50.0904



81.6221, -70.7241, -2.9493



81.6221, 3.2077, -116.6980



81.6221, 93.7493, 11.2025

Rectangle

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



81.6201, -11.6574, 50.0898



81.6221, -61.1229, 37.4546



81.6221, 3.2077, -116.6980



81.6221, 74.0038, -53.3263

Sweetspot

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



81.6221, -11.6607, 50.0904



95.3106, -12.2865, 32.1495



43.1390, 74.0676, 26.3666



43.8210, -5.9750, 16.2048

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.6221, -11.6607, 50.0904



87.4105, -12.4461, 53.6440



82.8351, -51.4942, 50.1405



42.6021, -3.4584, 6.4983



60.4892, -8.7828, 37.1194



17.6829, -2.9017, 10.8453

Inverse Universe

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



26.5164, 61.9652, -166.9041



28.3419, 66.6414, -179.2845



29.2713, 71.6145, -147.6891



39.3754, -0.7488, -2.4347



19.8501, 44.9171, -121.7739



6.4685, 10.2656, -30.2454

Previews

White Background



This preview shows how the HunterLab color 81.6201, -11.6574, 50.0898 looks on a white background.

Color Contrast Check

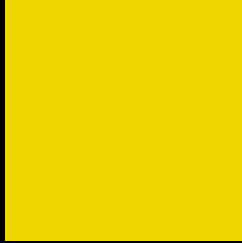
Large Text (above 18pt) WCAG AA × Fail

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 81.6201, -11.6574, 50.0898 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 81.6201, -11.6574, 50.0898 Background



This preview shows how black text looks on a background with the HunterLab color 81.6201, -11.6574, 50.0898.



This preview shows how white text looks on a background with the HunterLab color 81.6201, -11.6574, 50.0898.

-11.6574, 50.0898.

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

81.6201, -11.6574, 50.0898

Protanopia

81.7275, -11.2743, 50.1628

Deuteranopia

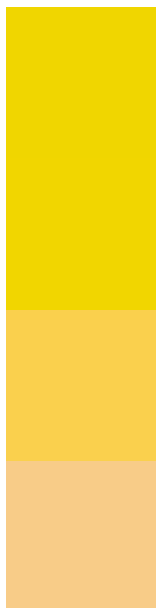
81.4267, 3.3309, 37.0617



Tritanopia

81.4846, 16.6715, 4.2121

Trichromacy



Original Color

81.6201, -11.6574, 50.0898

Protanomaly

81.7275, -11.2743, 50.1628

Deuteranomaly

81.2229, -2.9849, 44.8717

Tritanomaly

80.5728, 2.4400, 32.5513

Monochromacy



Original Color

81.6201, -11.6574, 50.0898

Achromatopsia

74.7222, -3.9870, 4.0598

Achromatomaly

76.3798, -10.9760, 31.8118

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.6201, -11.6574, 50.0898 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, 214, 0)` looks like.

```
.text, #text, p{  
    color:rgb(240, 214, 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(240, 214, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 214, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 81.6201, -11.6574, 50.0898 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, 214, 0) }
```


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

```
.border{ border-color:rgb(240, 214, 0) }
```

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

Here you see how a box with a 4 pixel rgb(240, 214, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 214, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 214, 0);  
box-shadow:4px 4px 4px 4px rgb(240, 214,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.6201, -11.6574, 50.0898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 214, 0) }
```

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

```
.background{ background-color: rgb(240,  
214, 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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