

Converting Colors

HunterLab(86.8496, -10.5791,
51.1930)

Have a look what the booklet for
HunterLab(86.8496, -10.5791,
51.1930) contains.

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Color

**HunterLab(86.8041,
-10.5064, 51.1651)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE133
RGB	255, 225, 51
RGB Percent	100%, 88%, 20%
CMY	0.0000, 0.1176, 0.8000
CMYK	0.00, 0.12, 0.80, 0.00
HSL	51°, 100%, 60%
HSV	51°, 80%, 100%
XYZ	68.7628, 75.3495, 14.0517
YIQ	214.1340, 73.7340, -47.7540

Conversions

Conversions Part 2

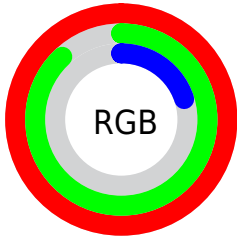
Format	Color
R _Y B	86, 255, 51
Decimal	16769331
CIE Lab	89.56, -6.13, 80.92
CIE LCh	90, 81.156, 94.332
Yxy	75.3531, 0.4347, 0.4764
Android (android.graphics.Color)	4294959411 (0xFFFFE133)
YUV	214.1340, -80.4251, 35.8395
Hunter-Lab	86.8041, -10.5064, 51.1651

Details

The HunterLab color **86.8041, -10.5064, 51.1651** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **37.1603, 42.3664, -127.3079**, and the grayscale version is **82.3760, -4.3954, 4.4756**.

A 20% lighter version of the original color is **96.9393, -22.3707, 49.7867**, and **63.4183, -7.9016, 38.9397** is the 20% darker color. If you saturate the color by 10%, you get **85.5461, -9.1834, 51.8948**, and if you desaturate by 10%, it is **88.1434, -11.4525, 49.4513**.

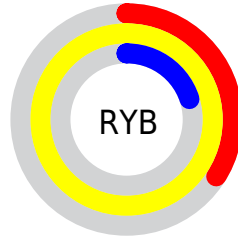
Distribution



Red (100%)

Green (88%)

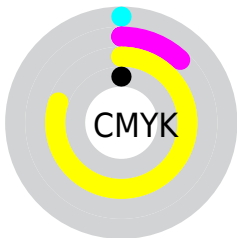
Blue (20%)



Red (34%)

Yellow (100%)

Blue (20%)

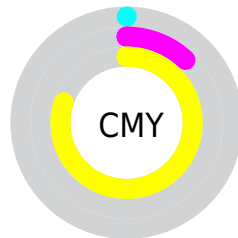


Cyan (0%)

Magenta (12%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.8041, -10.5064, 51.1651 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 86.8041, -10.5064, 51.1651 by changing the saturation by 10% instead.

86.8041, -10.5064,
51.1651

86.8041, -10.5064,
51.1651

218.8905,
-19.7355, 91.1946

74.7678, -9.5739,
45.9789

112.6109,
-12.4343, 60.9782

63.3439, -8.6544,
40.5791

126.3285,
-13.4233, 65.6425

52.5696, -7.7504,
34.9539

140.5620,
-14.4304, 70.1689

42.4867, -6.8599,
29.2996

155.2931,
-15.4556, 74.5723

33.1463, -5.9798,
23.2024

170.5057,
-16.4988, 78.8658

24.6129, -5.1049,
17.2290

186.1849,

16.9716, -4.2254,

-17.5599, 83.0609

11.8801

202.3173,
-18.6389, 87.1676

■ 10.3421, -3.3218,
7.2394

0.0000, NaN, NaN

■ 86.8041, -10.5064,
51.1651

■ 86.8041, -10.5064,
51.1651

■ 85.5461, -9.1834,
51.8948

■ 88.1434, -11.4525,
49.4513

■ 84.3494, -7.5531,
51.8433

■ 89.5642, -11.9720,
46.6567

■ 84.3490, -7.5525,
51.8432

■ 91.0731, -12.0424,
42.7232

■ 92.6728, -11.6475,
37.6175

■ 94.3649, -10.7789,
31.3264

■ 96.1504, -9.4344,
23.8528

■ 98.0290, -7.6173,
15.2120

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



86.8062, 32.2038, 48.7755



86.8041, -10.5064, 51.1651



86.8062, -44.7617, 46.6334

Triad

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



86.8062, -10.5099, 51.1658



86.8062, -60.5987, -49.0805



86.8062, 78.4252, -34.4223

Complementary

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



86.8041, -10.5064, 51.1651



37.1603, 42.3664, -127.3079

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.



86.8062, 44.4313, -82.7745



86.8041, -10.5064, 51.1651



86.8062, -36.2021, -93.6396

Square

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



86.8062, -10.5099, 51.1658



86.8062, -70.0703, -1.1311



86.8062, 1.3975, -108.1921



86.8062, 88.7502, 10.1997

Rectangle

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



86.8041, -10.5064, 51.1651



86.8062, -59.8307, 38.0565



86.8062, 1.3975, -108.1921



86.8062, 69.1131, -51.3369

Sweetspot

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



86.8062, -10.5099, 51.1658



95.4247, -10.0297, 26.9859



49.2254, 73.1605, 22.0928



43.8547, -4.8557, 13.7018

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.8062, -10.5099, 51.1658



84.8230, -8.2265, 51.9188



90.4986, -47.8595, 52.8744



45.3968, -3.4772, 6.8272



61.1144, -5.6900, 37.5588



19.3783, -2.2719, 11.9010

Inverse Universe

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



37.1603, 42.3664, -127.3079



30.4218, 59.1960, -164.6017



37.0884, 66.5699, -127.2211



42.2002, -1.0190, -2.4648



21.4681, 44.3272, -122.5228



7.5551, 10.8786, -32.9271

Previews

White Background



This preview shows how the HunterLab color 86.8041, -10.5064, 51.1651 looks on a white background.

Color Contrast Check

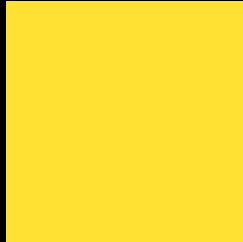
Large Text (above 18pt) WCAG AA × Fail

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 86.8041, -10.5064, 51.1651 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 86.8041, -10.5064, 51.1651 Background



This preview shows how black text looks on a background with the HunterLab color 86.8041, -10.5064, 51.1651.



This preview shows how white text looks on a background with the HunterLab color 86.8041, -10.5064, 51.1651.

-10.5064, 51.1651.

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

86.8041, -10.5064, 51.1651

Protanopia

86.8990, -11.7737, 51.2037

Deuteranopia

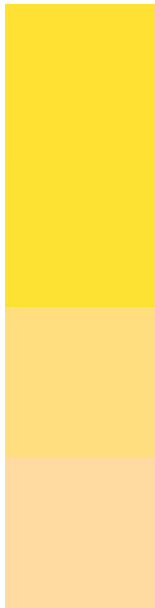
86.8036, 0.4476, 27.5198



Tritanopia

86.8055, 11.0908, 4.5388

Trichromacy



Original Color

86.8041, -10.5064, 51.1651

Protanomaly

87.0072, -11.3887, 51.2798

Deuteranomaly

86.6227, -4.8870, 39.5478

Tritanomaly

86.3317, 0.0472, 29.7226

Monochromacy



Original Color

86.8041, -10.5064, 51.1651

Achromatopsia

82.0026, -4.3755, 4.4554

Achromatomaly

83.1669, -9.6803, 28.9702

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.8041, -10.5064, 51.1651 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, 225, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 51)  
}
```

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, 225, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 86.8041, -10.5064, 51.1651 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, 225, 51) }
```


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

```
.border{ border-color:rgb(255, 225, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.8041, -10.5064, 51.1651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 51) }
```

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

```
.background{ background-color: rgb(255,  
225, 51) }
```

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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