

Converting Colors

HunterLab(83.3317, -5.4149,
50.2220)

Have a look what the booklet for
HunterLab(83.3317, -5.4149,
50.2220) contains.

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Color

**HunterLab(83.3444, -5.4396,
50.2376)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD621
RGB	255, 214, 33
RGB Percent	100%, 84%, 13%
CMY	0.0000, 0.1608, 0.8705
CMYK	0.00, 0.16, 0.87, 0.00
HSL	49°, 100%, 56%
HSV	49°, 87%, 100%
XYZ	65.5610, 69.4629, 11.3911
YIQ	205.6250, 82.5370, -47.5990

Conversions

Conversions Part 2

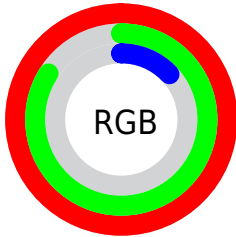
Format	Color
R _Y B	83, 255, 33
Decimal	16766497
CIE Lab	86.73, -1.04, 82.89
CIE LCh	87, 82.892, 90.717
Yxy	69.4663, 0.4478, 0.4744
Android (android.graphics.Color)	4294956577 (0xFFFFD621)
YUV	205.6250, -85.1041, 43.3019
Hunter-Lab	83.3444, -5.4396, 50.2376

Details

The HunterLab color **83.3444, -5.4396, 50.2376** 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 **35.2725, 45.1855, -136.5001**, and the grayscale version is **78.7318, -4.2009, 4.2776**.

A 20% lighter version of the original color is **96.7988, -23.1658, 51.8567**, and **60.3979, -3.5485, 37.1548** is the 20% darker color. If you saturate the color by 10%, you get **81.8679, -3.3903, 50.2311**, and if you desaturate by 10%, it is **84.9031, -7.1440, 49.3486**.

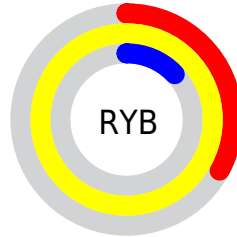
Distribution



Red (100%)

Green (84%)

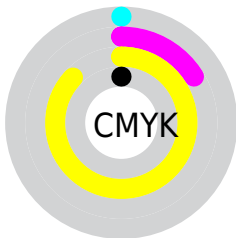
Blue (13%)



Red (33%)

Yellow (100%)

Blue (13%)

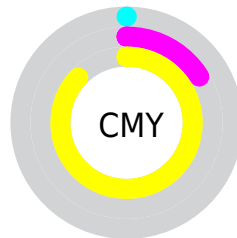


Cyan (0%)

Magenta (16%)

Yellow (87%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.3444, -5.4396, 50.2376 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 83.3444, -5.4396, 50.2376 by changing the saturation by 10% instead.


 83.3444, -5.4396,
50.2376


 83.3444, -5.4396,
50.2376


214.1667,
-12.7985, 91.4552

 71.4783, -4.7596,
44.8804


 108.8335, -6.8971,
60.3678


 60.2341, -4.1065,
39.3046


 122.4020, -7.6653,
65.1778


 49.6504, -3.4854,
33.5060


 136.4916, -8.4597,
69.8417

 39.7715, -2.8979,
27.8400

 151.0840, -9.2795,
74.3751

 30.6517, -2.3460,
21.4562

 166.1622,
-10.1240, 78.7918

 22.3604, -1.8317,
15.6523

 181.7111,

 14.9906, -1.3576,

-10.9924, 83.1039

10.4934

197.7168,
-11.8841, 87.3219

■ 8.6345, -0.9848,
6.0441

0.0000, NaN, NaN

■ 83.3444, -5.4396,
50.2376

■ 83.3444, -5.4396,
50.2376

■ 81.8679, -3.3903,
50.2311

■ 84.9031, -7.1440,
49.3486

■ 81.4421, -2.7480,
50.1361

■ 86.5462, -8.4403,
47.4340

■ 88.2809, -9.2997,
44.4215

■ 90.1098, -9.7023,
40.2708

92.0346, -9.6378,
34.9662

94.0555, -9.1031,
28.5098

96.1722, -8.1008,
20.9182

98.3835, -6.6383,
12.2182

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



83.3464, 38.0536, 47.1891



83.3444, -5.4396, 50.2376



83.3464, -41.2588, 46.8547

Triad

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



83.3464, -5.4432, 50.2382



83.3464, -62.3224, -44.0072



83.3464, 76.7337, -41.5136

Complementary

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



83.3444, -5.4396, 50.2376



35.2725, 45.1855, -136.5001

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.



83.3464, 40.1124, -90.0351



83.3444, -5.4396, 50.2376



83.3464, -39.8445, -91.9021

Square

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



83.3464, -5.4432, 50.2382



83.3464, -69.9192, 3.5857



83.3464, -3.4554, -111.8547



83.3464, 90.7403, 5.4767

Rectangle

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



83.3444, -5.4396, 50.2376



83.3464, -57.4408, 39.5928



83.3464, -3.4554, -111.8547



83.3464, 66.3488, -58.8618

Sweetspot

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



83.3464, -5.4432, 50.2382



94.2746, -9.0194, 27.7627



47.8433, 77.2187, 22.0375



43.2852, -4.2910, 13.9582

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.3464, -5.4432, 50.2382



81.4424, -2.7480, 50.1363



90.7589, -46.9737, 54.1624



45.2622, -3.2564, 6.6855



59.0453, -2.2787, 36.3436



18.8033, -1.3402, 11.5630

Inverse Universe

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



35.2725, 45.1855, -136.5001



30.4304, 58.6087, -164.5547



33.1591, 70.1237, -147.5012



42.3323, -1.2419, -2.2986



22.3458, 41.1101, -116.6753



7.9043, 9.8125, -31.0620

Previews

White Background



This preview shows how the HunterLab color 83.3444, -5.4396, 50.2376 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 83.3444, -5.4396, 50.2376 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 83.3444, -5.4396, 50.2376 Background



This preview shows how black text looks on a background with the HunterLab color 83.3444, -5.4396, 50.2376.



This preview shows how white text looks on a background with the HunterLab color 83.3444, -5.4396,

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

83.3444, -5.4396, 50.2376

Protanopia

83.4690, -11.3093, 50.1602

Deuteranopia

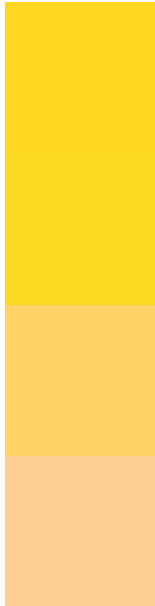
83.2146, 2.4268, 33.6412



Tritanopia

83.2779, 15.2321, 5.8106

Trichromacy



Original Color

83.3444, -5.4396, 50.2376

Protanomaly

83.5948, -9.2719, 50.2750

Deuteranomaly

82.9386, -1.1968, 42.2841

Tritanomaly

82.7899, 4.3616, 30.7283

Monochromacy



Original Color

83.3444, -5.4396, 50.2376

Achromatopsia

78.5625, -4.1919, 4.2684

Achromatomaly

79.6438, -8.2674, 29.5860

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.3444, -5.4396, 50.2376 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, 214, 33)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 33)  
}
```

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, 214, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 83.3444, -5.4396, 50.2376 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, 214, 33) }
```


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

```
.border{ border-color:rgb(255, 214, 33) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 33);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.3444, -5.4396, 50.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 33) }
```

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

```
.background{ background-color: rgb(255,  
214, 33) }
```

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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