

Converting Colors

HunterLab(82.9975, -5.0456,
50.4172)

Have a look what the booklet for
HunterLab(82.9975, -5.0456,
50.4172) contains.

HunterLab(83.0173, -5.0693, 50.4093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(83.0173, -5.0693,
50.4093)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD519
RGB	255, 213, 25
RGB Percent	100%, 84%, 10%
CMY	0.0000, 0.1647, 0.9019
CMYK	0.00, 0.16, 0.90, 0.00
HSL	49°, 100%, 55%
HSV	49°, 90%, 100%
XYZ	65.2097, 68.9187, 10.7854
YIQ	204.1260, 85.3800, -49.5640

Conversions

Conversions Part 2

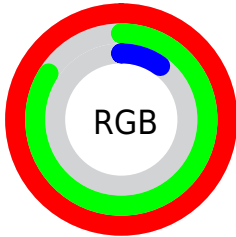
Format	Color
R _Y B	76, 255, 25
Decimal	16766233
CIE Lab	86.47, -0.67, 84.12
CIE LCh	86, 84.125, 90.455
Yxy	68.9221, 0.4500, 0.4756
Android (android.graphics.Color)	4294956313 (0xFFFFD519)
YUV	204.1260, -88.3091, 44.6165
Hunter-Lab	83.0173, -5.0693, 50.4093

Details

The HunterLab color **83.0173, -5.0693, 50.4093** 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 **33.8257, 48.7661, -144.1311**, and the grayscale version is **78.1022, -4.1673, 4.2434**.

A 20% lighter version of the original color is **96.7598, -23.3870, 52.4325**, and **60.1113, -3.0727, 36.9865** is the 20% darker color. If you saturate the color by 10%, you get **81.6005, -3.0139, 50.2291**, and if you desaturate by 10%, it is **84.5356, -6.8644, 49.8129**.

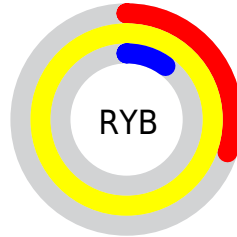
Distribution



Red (100%)

Green (84%)

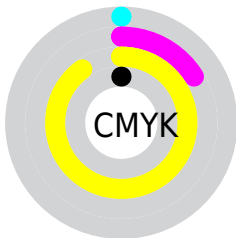
Blue (10%)



Red (30%)

Yellow (100%)

Blue (10%)

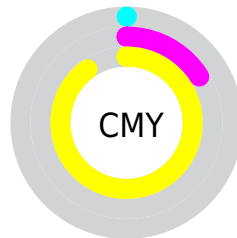


Cyan (0%)

Magenta (16%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.0173, -5.0693, 50.4093 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 83.0173, -5.0693, 50.4093 by changing the saturation by 10% instead.

83.0173, -5.0693,
50.4093

83.0173, -5.0693,
50.4093

213.7185,
-12.2910, 92.2092

71.1676, -4.4078,
44.9759

108.4759, -6.4923,
60.6861

59.9406, -3.7743,
39.3236

122.0301, -7.2443,
65.5656

49.3753, -3.1740,
33.4518

136.1060, -8.0231,
70.2964

39.5160, -2.6088,
27.6612

150.6850, -8.8278,
74.8942

30.4175, -2.0810,
21.2922

165.7504, -9.6577,
79.3729

22.1496, -1.5934,
15.5047

181.2868,

14.8062, -1.1492,

-10.5119, 83.7446

10.3644

197.2804,
-11.3899, 88.0203

■ 8.4603, -0.7963,
5.9222

0.0000, NaN, NaN

■ 83.0173, -5.0693,
50.4093

■ 83.0173, -5.0693,
50.4093

■ 81.6005, -3.0139,
50.2291

■ 84.5356, -6.8644,
49.8129

■ 86.1359, -8.2653,
48.2237

■ 87.8259, -9.2382,
45.5553

■ 89.6091, -9.7597,
41.7578

91.4876, -9.8164,
36.8080

93.4619, -9.4030,
30.7022

95.5320, -8.5203,
23.4525

97.6970, -7.1741,
15.0822

99.9556, -5.3744,
5.6239

Harmonies

Analogous

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



83.0193, 39.0970, 47.3434



83.0173, -5.0693, 50.4093



83.0193, -41.4173, 47.1333

Triad

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



83.0193, -5.0729, 50.4099



83.0193, -63.0456, -44.4084



83.0193, 77.8287, -42.7927

Complementary

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



83.0173, -5.0693, 50.4093



33.8257, 48.7661, -144.1311

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.



83.0193, 40.4262, -92.2781



83.0173, -5.0693, 50.4093



83.0193, -40.5103, -93.4921

Square

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



83.0193, -5.0729, 50.4099



83.0193, -70.5601, 3.9081



83.0193, -3.7935, -114.2833



83.0193, 92.3503, 5.1252

Rectangle

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



83.0173, -5.0693, 50.4093



83.0193, -57.8285, 39.9797



83.0193, -3.7935, -114.2833



83.0193, 67.1921, -60.4989

Sweetspot

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



83.0193, -5.0729, 50.4099



94.1124, -9.1722, 28.5125



47.2896, 78.0646, 23.8135



43.2190, -4.3569, 14.2733

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.0193, -5.0729, 50.4099



81.6008, -3.0140, 50.2293



90.3081, -48.8002, 54.1888



45.2696, -3.2686, 6.6934



59.1581, -2.4676, 36.4097



18.8347, -1.3917, 11.5815

Inverse Universe

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



33.8257, 48.7661, -144.1311



30.3611, 58.8614, -165.0136



32.4094, 72.2608, -151.8392



42.3250, -1.2297, -2.3078



22.2934, 41.2969, -117.0130



7.8843, 9.8717, -31.1648

Previews

White Background



This preview shows how the HunterLab color 83.0173, -5.0693, 50.4093 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 83.0173, -5.0693, 50.4093 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 83.0173, -5.0693, 50.4093 Background



This preview shows how black text looks on a background with the HunterLab color 83.0173, -5.0693, 50.4093.



This preview shows how white text looks on a background with the HunterLab color 83.0173, -5.0693,

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

83.0173, -5.0693, 50.4093

Protanopia

83.0261, -11.3392, 50.2639

Deuteranopia

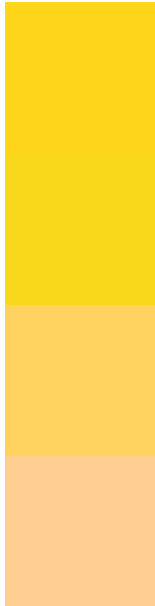
82.8656, 2.6607, 34.1744



Tritanopia

82.9620, 15.6123, 5.9283

Trichromacy



Original Color

83.0173, -5.0693, 50.4093

Protanomaly

83.1521, -9.3022, 50.3783

Deuteranomaly

82.5819, -0.9999, 42.9240

Tritanomaly

82.4196, 4.4736, 31.5945

Monochromacy



Original Color

83.0173, -5.0693, 50.4093

Achromatopsia

77.7063, -4.1462, 4.2219

Achromatomaly

78.8528, -8.0454, 30.0817

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.0173, -5.0693, 50.4093 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, 213, 25)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 25)  
}
```

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, 213, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 83.0173, -5.0693, 50.4093 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, 213, 25) }
```


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

```
.border{ border-color:rgb(255, 213, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 25);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
25) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.0173, -5.0693, 50.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 25) }
```

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

```
.background{ background-color: rgb(255,  
213, 25) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor