

Converting Colors

HunterLab(96.3269, 25.1697,
58.3485)

Have a look what the booklet for
HunterLab(96.3269, 25.1697,
58.3485) contains.

HunterLab(85.8396, -9.1989, 51.0871)	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(85.8396, -9.1989,
51.0871)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDE2C
RGB	255, 222, 44
RGB Percent	100%, 87%, 17%
CMY	0.0000, 0.1294, 0.8274
CMYK	0.00, 0.13, 0.83, 0.00
HSL	51°, 100%, 59%
HSV	51°, 83%, 100%
XYZ	67.8159, 73.6844, 13.0310
YIQ	211.5750, 76.8060, -48.3620

Conversions

Conversions Part 2

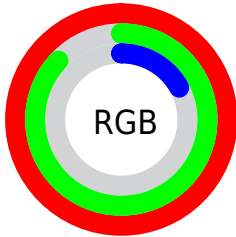
Format	Color
RYB	83, 255, 44
Decimal	16768556
CIELab	88.77, -4.82, 82.08
CIELCh	89, 82.224, 93.364
Yxy	73.6879, 0.4388, 0.4768
Android (android.graphics.Color)	4294958636 (0xFFFFDE2C)
YUV	211.5750, -82.6145, 38.0837
Hunter-Lab	85.8396, -9.1989, 51.0871

Details

The HunterLab color **85.8396, -9.1989, 51.0871** 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 **36.1434, 44.1297, -132.1506**, and the grayscale version is **81.2802, -4.3369, 4.4161**.

A 20% lighter version of the original color is **96.8828, -22.6905, 50.6191**, and **62.5354, -6.4883, 38.4204** is the 20% darker color. If you saturate the color by 10%, you get **84.5329, -7.6597, 51.5378**, and if you desaturate by 10%, it is **87.2269, -10.3732, 49.6838**.

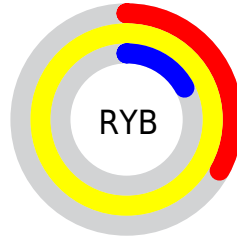
Distribution



Red (100%)

Green (87%)

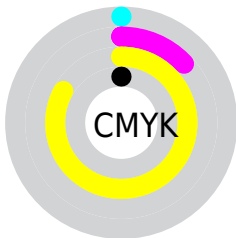
Blue (17%)



Red (33%)

Yellow (100%)

Blue (17%)

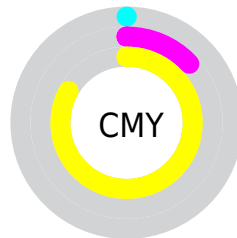


Cyan (0%)

Magenta (13%)

Yellow (83%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8396, -9.1989, 51.0871 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 85.8396, -9.1989, 51.0871 by changing the saturation by 10% instead.

85.8396, -9.1989,
51.0871

85.8396, -9.1989,
51.0871

217.5766,
-17.9480, 91.7153

73.8503, -8.3311,
45.8185

111.5586,
-11.0061, 61.0552

62.4760, -7.4799,
40.3343

125.2351,
-11.9385, 65.7919

51.7542, -6.6483,
34.6256

139.4288,
-12.8910, 70.3872

41.7275, -5.8354,
29.0093

154.1215,
-13.8634, 74.8565

32.4477, -5.0392,
22.7134

169.2969,
-14.8556, 79.2129

23.9808, -4.2562,
16.7865

184.9401,

16.4138, -3.4799,

-15.8673, 83.4682

11.4897

201.0375,
-16.8981, 87.6327

■ 9.8702, -2.7050,
6.9092

0.0000, NaN, NaN

■ 85.8396, -9.1989,
51.0871

■ 85.8396, -9.1989,
51.0871

■ 84.5329, -7.6597,
51.5378

■ 87.2269, -10.3732,
49.6838

■ 83.6209, -6.3643,
51.4154

■ 88.6959, -11.1286,
47.2208

■ 90.2531, -11.4400,
43.6336

■ 91.9016, -11.2897,
38.8855

■ 93.6431, -10.6681,
32.9607

■ 95.4783, -9.5723,
25.8607

■ 97.4072, -8.0048,
17.6000

■ 99.4291, -5.9728,
8.2037

■ 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.



85.8417, 34.0684, 48.5249



85.8396, -9.1989, 51.0871



85.8417, -44.0978, 46.8915

Triad

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



85.8417, -9.2024, 51.0878



85.8417, -61.4319, -48.2289



85.8417, 78.7193, -36.6465

Complementary

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



85.8396, -9.1989, 51.0871



36.1434, 44.1297, -132.1506

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.



85.8417, 43.6885, -85.5976



85.8396, -9.1989, 51.0871



85.8417, -37.4162, -94.2193

Square

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



85.8417, -9.2024, 51.0878



85.8417, -70.4364, 0.1132



85.8417, 0.1324, -110.3908



85.8417, 90.1324, 8.9949

Rectangle

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



85.8396, -9.1989, 51.0871



85.8417, -59.5451, 38.6737



85.8417, 0.1324, -110.3908



85.8417, 69.0264, -53.8580

Sweetspot

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



85.8417, -9.2024, 51.0878



95.0560, -9.8612, 27.5662



48.6095, 74.8846, 22.2011



43.6775, -4.7480, 13.9263

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.8417, -9.2024, 51.0878



83.7461, -6.5451, 51.4376



90.5398, -47.7596, 53.3931



45.3633, -3.4224, 6.7921



60.5963, -4.8463, 37.2543



19.2345, -2.0414, 11.8165

Inverse Universe

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



36.1434, 44.1297, -132.1506



29.8231, 60.9961, -168.6408



35.5275, 68.1282, -134.8000



42.2330, -1.0743, -2.4236



21.6711, 43.5652, -121.1317



7.6402, 10.6124, -32.4587

Previews

White Background



This preview shows how the HunterLab color 85.8396, -9.1989, 51.0871 looks on a white background.

Color Contrast Check

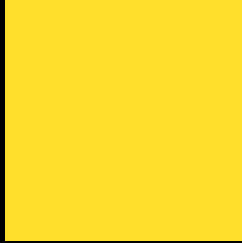
Large Text (above 18pt) WCAG AA × Fail

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 85.8396, -9.1989, 51.0871 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 85.8396, -9.1989, 51.0871 Background



This preview shows how black text looks on a background with the HunterLab color 85.8396, -9.1989, 51.0871.



This preview shows how white text looks on a background with the HunterLab color 85.8396, -9.1989,

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

85.8396, -9.1989, 51.0871

Protanopia

85.7126, -11.2456, 50.9705

Deuteranopia

85.7497, 1.1978, 28.9012



Tritanopia

85.8340, 12.2128, 4.8815

Trichromacy



Original Color

85.8396, -9.1989, 51.0871

Protanomaly

85.8211, -10.8598, 51.0462

Deuteranomaly

85.6032, -3.9214, 40.3724

Tritanomaly

85.3466, 1.1614, 30.1386

Monochromacy



Original Color

85.8396, -9.1989, 51.0871

Achromatopsia

81.1403, -4.3294, 4.4085

Achromatomaly

82.3651, -9.4775, 29.5114

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.8396, -9.1989, 51.0871 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, 222, 44)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 44)  
}
```

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, 222, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 85.8396, -9.1989, 51.0871 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, 222, 44) }
```


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

```
.border{ border-color:rgb(255, 222, 44) }
```

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

Here you see how a box with a 4 pixel rgb(255, 222, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 44);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
44) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.8396, -9.1989, 51.0871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 44) }
```

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

```
.background{ background-color: rgb(255,  
222, 44) }
```

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