

Converting Colors

HunterLab(85.8201, -8.9298,
50.5619)

Have a look what the booklet for
HunterLab(85.8201, -8.9298,
50.5619) contains.

HunterLab(85.8729, -9.0148, 50.5942)	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(85.8729, -9.0148,
50.5942)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDE33
RGB	255, 222, 51
RGB Percent	100%, 87%, 20%
CMY	0.0000, 0.1294, 0.8000
CMYK	0.00, 0.13, 0.80, 0.00
HSL	50°, 100%, 60%
HSV	50°, 80%, 100%
XYZ	67.9588, 73.7415, 13.7837
YIQ	212.3730, 74.5590, -46.1850

Conversions

Conversions Part 2

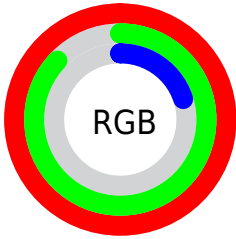
Format	Color
R _Y B	90, 255, 51
Decimal	16768563
CIE Lab	88.80, -4.63, 80.27
CIE LCh	89, 80.400, 93.299
Yxy	73.7451, 0.4371, 0.4743
Android (android.graphics.Color)	4294958643 (0xFFFFDE33)
YUV	212.3730, -79.5569, 37.3839
Hunter-Lab	85.8729, -9.0148, 50.5942

Details

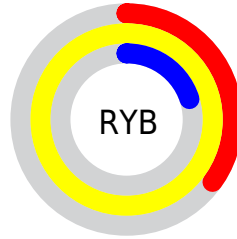
The HunterLab color **85.8729, -9.0148, 50.5942** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **37.7685, 40.6492, -124.5320**, and the grayscale version is **81.6121, -4.3546, 4.4341**.

A 20% lighter version of the original color is **96.9277, -22.4361, 49.9569**, and **62.5354, -6.4883, 38.4204** is the 20% darker color. If you saturate the color by 10%, you get **84.5069, -7.5033, 51.2758**, and if you desaturate by 10%, it is **87.3228, -10.1464, 48.9247**.

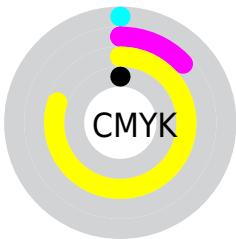
Distribution



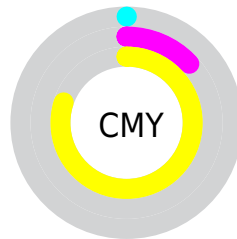
- Red (100%)
- Green (87%)
- Blue (20%)



- Red (35%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (13%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (13%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8729, -9.0148, 50.5942 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 85.8729, -9.0148, 50.5942 by changing the saturation by 10% instead.

85.8729, -9.0148,
50.5942

85.8729, -9.0148,
50.5942

217.6220,
-17.6941, 90.4162

73.8820, -8.1565,
45.4303

111.5950,
-10.8044, 60.3611

62.5059, -7.3153,
40.0520

125.2728,
-11.7285, 65.0020

51.7823, -6.4943,
34.4475

139.4679,
-12.6731, 69.5050

41.7536, -5.6928,
28.8429

154.1620,
-13.6379, 73.8850

32.4718, -4.9090,
22.7302

169.3387,
-14.6227, 78.1554

24.0025, -4.1398,
16.8018

184.9831,

16.4330, -3.3790,

-15.6271, 82.3275

11.5031

201.0817,
-16.6510, 86.4115

■ 9.8864, -2.6190,
6.9205

0.0000, NaN, NaN

■ 85.8729, -9.0148,
50.5942

■ 85.8729, -9.0148,
50.5942

■ 84.5069, -7.5033,
51.2758

■ 87.3228, -10.1464,
48.9247

■ 83.2050, -5.6811,
51.1709

■ 88.8567, -10.8493,
46.1742

■ 83.2046, -5.6805,
51.1709

■ 90.4806, -11.1020,
42.2883

■ 92.1969, -10.8896,
37.2381

■ 94.0070, -10.2051,
31.0146

■ 95.9113, -9.0476,
23.6245

■ 97.9093, -7.4214,
15.0867

■ 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.



85.8750, 33.2375, 47.9879



85.8729, -9.0148, 50.5942



85.8750, -43.2586, 46.3752

Triad

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



85.8750, -9.0183, 50.5949



85.8750, -60.4140, -46.6869



85.8750, 76.5466, -35.6676

Complementary

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



85.8729, -9.0148, 50.5942



37.7685, 40.6492, -124.5320

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.



85.8750, 42.4319, -83.0314



85.8729, -9.0148, 50.5942



85.8750, -36.8202, -91.1981

Square

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



85.8750, -9.0183, 50.5949



85.8750, -69.2679, 0.3052



85.8750, -0.0633, -106.8827



85.8750, 87.6941, 8.8255

Rectangle

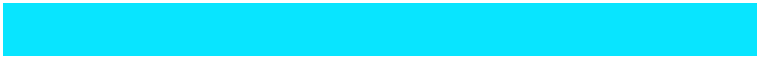
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.8729, -9.0148, 50.5942



85.8750, -58.4814, 38.1823



85.8750, -0.0633, -106.8827



85.8750, 67.1090, -52.3545

Sweetspot

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



85.8750, -9.0183, 50.5949



95.1381, -9.5676, 26.7221



49.2789, 73.3713, 21.3081



43.7025, -4.6111, 13.5662

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.8750, -9.0183, 50.5949



83.7204, -6.4315, 51.2681



90.7323, -46.9363, 53.0399



45.3442, -3.3909, 6.7719



60.3001, -4.3608, 37.0803



19.1522, -1.9088, 11.7681

Inverse Universe

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



37.7685, 40.6492, -124.5320



30.9020, 57.4592, -161.4714



36.7567, 66.0295, -128.7994



42.2518, -1.1061, -2.3999



21.7922, 43.1160, -120.3134



7.6886, 10.4628, -32.1962

Previews

White Background



This preview shows how the HunterLab color 85.8729, -9.0148, 50.5942 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 85.8729, -9.0148, 50.5942 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 85.8729, -9.0148, 50.5942 Background



This preview shows how black text looks on a background with the HunterLab color 85.8729, -9.0148, 50.5942.



This preview shows how white text looks on a background with the HunterLab color 85.8729, -9.0148,

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

85.8729, -9.0148, 50.5942

Protanopia

86.0579, -11.5544, 50.6684

Deuteranopia

85.7497, 1.1978, 28.9012



Tritanopia

85.8340, 12.2128, 4.8815

Trichromacy



Original Color

85.8729, -9.0148, 50.5942

Protanomaly

85.8544, -10.6750, 50.5533

Deuteranomaly

85.6319, -3.7646, 39.9517

Tritanomaly

85.3872, 1.3815, 29.5464

Monochromacy



Original Color

85.8729, -9.0148, 50.5942

Achromatopsia

81.1403, -4.3294, 4.4085

Achromatomaly

82.4049, -9.2572, 28.9320

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.8729, -9.0148, 50.5942 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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, 222, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 85.8729, -9.0148, 50.5942 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, 51) }
```


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

```
.border{ border-color:rgb(255, 222, 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, 222, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.8729, -9.0148, 50.5942 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, 51) }
```

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

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