

Converting Colors

HunterLab(84.9742, -8.3807,
51.8131)

Have a look what the booklet for
HunterLab(84.9742, -8.3807,
51.8131) contains.

HunterLab(84.8332, -8.1533, 51.7311)	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(84.8332, -8.1533,
51.7311)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDB12
RGB	255, 219, 18
RGB Percent	100%, 86%, 7%
CMY	0.0000, 0.1411, 0.9293
CMYK	0.00, 0.14, 0.93, 0.00
HSL	51°, 100%, 54%
HSV	51°, 93%, 100%
XYZ	66.6807, 71.9667, 10.9488
YIQ	206.8500, 85.9770, -54.8790

Conversions

Conversions Part 2

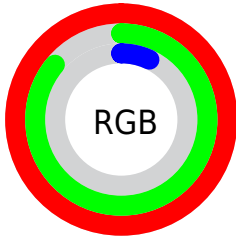
Format	Color
RYB	60, 255, 18
Decimal	16767762
CIELab	87.95, -3.79, 86.22
CIElCh	88, 86.307, 92.520
Yxy	71.9702, 0.4457, 0.4811
Android (android.graphics.Color)	4294957842 (0xFFFFDB12)
YUV	206.8500, -93.1030, 42.2276
Hunter-Lab	84.8332, -8.1533, 51.7311

Details

The HunterLab color **84.8332, -8.1533, 51.7311** 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 **31.6042, 55.5031, -157.0384**, and the grayscale version is **79.2898, -4.2307, 4.3080**.

A 20% lighter version of the original color is **96.7410, -23.4935, 52.7099**, and **61.8447, -5.9177, 38.0048** is the 20% darker color. If you saturate the color by 10%, you get **83.9702, -6.9357, 51.6206**, and if you desaturate by 10%, it is **86.1099, -9.6483, 51.2833**.

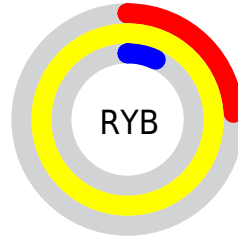
Distribution



Red (100%)

Green (86%)

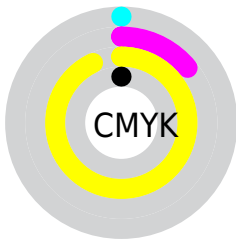
Blue (7%)



Red (24%)

Yellow (100%)

Blue (7%)

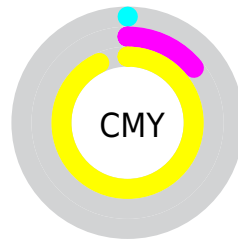


Cyan (0%)

Magenta (14%)

Yellow (93%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.8332, -8.1533, 51.7311 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 84.8332, -8.1533, 51.7311 by changing the saturation by 10% instead.

84.8332, -8.1533,
51.7311

84.8332, -8.1533,
51.7311

216.2031,
-16.5197, 94.2877

72.8933, -7.3371,
46.2104

110.4600, -9.8644,
62.1837

61.5711, -6.5403,
40.4726

124.0931,
-10.7516, 67.1503

50.9047, -5.7665,
34.5179

138.2451,
-11.6605, 71.9671

40.9371, -5.0153,
28.6560

152.8975,
-12.5910, 76.6496

31.7213, -4.2859,
22.2049

168.0339,
-13.5424, 81.2114

23.3246, -3.5762,
16.3272

183.6393,

15.8363, -2.8819,

-14.5146, 85.6648

11.0854

199.6998,
-15.5072, 90.0204

■ 9.3839, -2.2632,
6.5688

0.0000, NaN, NaN

■ 84.8332, -8.1533,
51.7311

■ 84.8332, -8.1533,
51.7311

■ 83.9702, -6.9357,
51.6206

■ 86.1099, -9.6483,
51.2833

■ 87.4601, -10.7698,
49.8850

■ 88.8931, -11.4773,
47.4296

■ 90.4137, -11.7418,
43.8503

■ 92.0249, -11.5447,
39.1084

■ 93.7287, -10.8762,
33.1868

■ 95.5259, -9.7326,
26.0852

■ 97.4166, -8.1163,
17.8169

■ 99.4002, -6.0336,
8.4058

Harmonies

Analogous

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



84.8353, 37.3592, 49.0926



84.8332, -8.1533, 51.7311



84.8353, -44.7727, 47.9086

Triad

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



84.8353, -8.1569, 51.7317



84.8353, -63.8873, -49.8759



84.8353, 82.5822, -40.6034

Complementary

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



84.8332, -8.1533, 51.7311



31.6042, 55.5031, -157.0384

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.



84.8353, 44.9702, -92.8486



84.8332, -8.1533, 51.7311



84.8353, -39.5993, -99.8293

Square

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



84.8353, -8.1569, 51.7317



84.8353, -72.6576, 1.0652



84.8353, -0.8435, -118.5457



84.8353, 95.5733, 8.0231

Rectangle

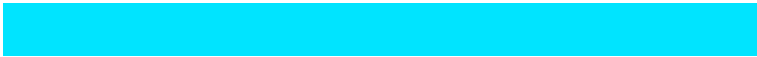
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.8332, -8.1533, 51.7311



84.8353, -60.9576, 40.0314



84.8353, -0.8435, -118.5457



84.8353, 72.0723, -59.0081

Sweetspot

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



84.8353, -8.1569, 51.7317



94.6040, -10.3714, 29.8305



46.8974, 78.5798, 25.2940



43.4135, -5.0055, 15.1666

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.8353, -8.1569, 51.7317



83.9706, -6.9357, 51.6209



89.8855, -50.5100, 54.1247



45.3794, -3.4487, 6.8090



60.8449, -5.2520, 37.4004



19.3035, -2.1523, 11.8571

Inverse Universe

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



31.6042, 55.5031, -157.0384



29.4165, 62.3975, -171.4664



31.9301, 73.8049, -154.7053



42.2172, -1.0477, -2.4434



21.5723, 43.9346, -121.8058



7.5994, 10.7395, -32.6820

Previews

White Background



This preview shows how the HunterLab color 84.8332, -8.1533, 51.7311 looks on a white background.

Color Contrast Check

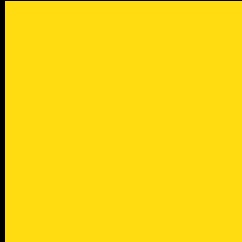
Large Text (above 18pt) WCAG AA × Fail

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 84.8332, -8.1533, 51.7311 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 84.8332, -8.1533, 51.7311 Background



This preview shows how black text looks on a background with the HunterLab color 84.8332, -8.1533, 51.7311.



This preview shows how white text looks on a background with the HunterLab color 84.8332, -8.1533,

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

84.8332, -8.1533, 51.7311

Protanopia

84.7937, -11.4706, 51.6179

Deuteranopia

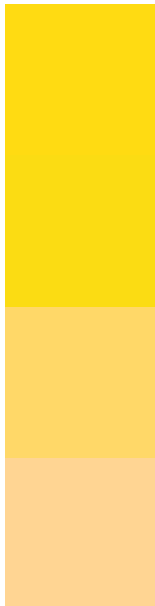
84.6481, 1.6622, 31.0801



Tritanopia

84.8695, 13.3404, 5.2272

Trichromacy



Original Color

84.8332, -8.1533, 51.7311

Protanomaly

84.7010, -10.2031, 51.5825

Deuteranomaly

84.4815, -3.5438, 42.8036

Tritanomaly

84.2348, 1.5616, 32.5031

Monochromacy



Original Color

84.8332, -8.1533, 51.7311

Achromatopsia

78.9912, -4.2148, 4.2917

Achromatomaly

80.1691, -9.7710, 31.4462

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.8332, -8.1533, 51.7311 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, 219, 18)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 18)  
}
```

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, 219, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 84.8332, -8.1533, 51.7311 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, 219, 18) }
```


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

```
.border{ border-color:rgb(255, 219, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 18);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
18) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.8332, -8.1533, 51.7311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 18) }
```

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

```
.background{ background-color: rgb(255,  
219, 18) }
```

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