

# Converting Colors

HunterLab(83.0311, -37.9192,  
52.9252)

Have a look what the booklet for  
HunterLab(83.0311, -37.9192,  
52.9252) contains.

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# Color

**HunterLab(83.2792,  
-37.2297, 50.6645)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BFE900</a>
RGB	191, 233, 0
RGB Percent	75%, 91%, 0%
CMY	0.2510, 0.0863, 0.9999
CMYK	0.18, 0.00, 1.00, 0.09
HSL	71°, 100%, 46%
HSV	71°, 100%, 91%
XYZ	50.6248, 69.3543, 10.7185
YIQ	193.8800, 49.7610, -81.3670

# Conversions

## Conversions Part 2

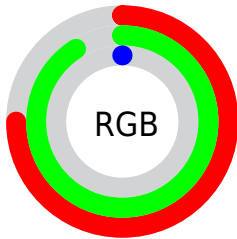
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 233, 42
Decimal	12577024
CIELab	86.68, -37.28, 84.68
CIELCh	87, 92.529, 113.762
Yxy	69.3574, 0.3873, 0.5306
Android (android.graphics.Color)	4290767104 (0xFFBFE900)
YUV	193.8800, -95.5828, -2.5258
Hunter-Lab	83.2792, -37.2297, 50.6645

# Details

The HunterLab color **83.2792, -37.2297, 50.6645** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **25.2532, 66.5372, -164.2794**, and the grayscale version is **73.7785, -3.9366, 4.0085**.

A 20% lighter version of the original color is **96.3158, -25.1292, 52.9550**, and **60.2908, -30.7884, 36.6119** is the 20% darker color. If you saturate the color by 10%, you get **83.2806, -37.2340, 50.6653**, and if you desaturate by 10%, it is **83.6499, -35.7320, 50.3321**.

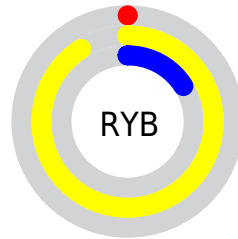
# Distribution



Red (75%)

Green (91%)

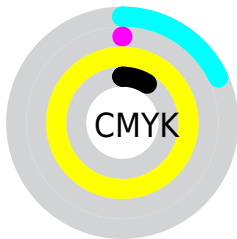
Blue (0%)



Red (0%)

Yellow (91%)

Blue (16%)

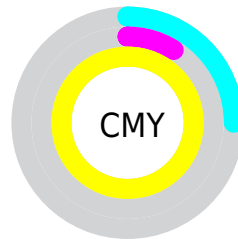


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (25%)

Magenta (9%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.2792, -37.2297, 50.6645 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 83.2792, -37.2297, 50.6645 by changing the saturation by 10% instead.




 83.2792, -37.2297,  
50.6645


 83.2792, -37.2297,  
50.6645


214.0772,  
-58.1851, 92.6892


 71.4163, -34.6710,  
45.2036


 108.7621,  
-42.1522, 60.9952

 60.1755, -32.0206,  
39.5242


 122.3277,  
-44.5349, 65.9010


 49.5955, -29.2572,  
33.6269


 136.4146,  
-46.8776, 70.6574

 39.7204, -26.3472,  
27.8043

 151.0043,  
-49.1869, 75.2803

 30.6049, -23.2415,  
21.4234

 166.0799,  
-51.4682, 79.7834

 22.3183, -19.8630,  
15.6228

 181.6263,

 14.9538, -16.0820,

-53.7260, 84.1789

10.4676

197.6296,  
-55.9639, 88.4777

■ 8.6000, -15.0500,  
6.0200

0.0000, NaN, NaN

■ 83.2792, -37.2297,  
50.6645

■ 83.2792, -37.2297,  
50.6645

■ 83.2806, -37.2340,  
50.6653

■ 83.6499, -35.7320,  
50.3321

■ 84.0717, -33.9463,  
49.3409

■ 84.5599, -31.8003,  
47.4936

■ 85.1217, -29.2577,  
44.6882

■ 85.7626, -26.2935,  
40.8504

■ 86.4870, -22.8914,  
35.9270

■ 87.2981, -19.0423,  
29.8826

■ 88.1984, -14.7433,  
22.6973

■ 89.1896, -9.9966,  
14.3649

# Harmonies

## Analogous

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



83.2811, 5.4014, 52.3346



83.2792, -37.2297, 50.6645



83.2811, -64.5492, 40.5552

# Triad

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



83.2811, -37.2321, 50.6650



83.2811, -50.6263, -96.1510



83.2811, 103.2210, -5.1567

# Complementary

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



83.2792, -37.2297, 50.6645



25.2532, 66.5372, -164.2794

# 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.



83.2811, 79.7581, -62.2819



83.2792, -37.2297, 50.6645



83.2811, -13.8602, -130.3472

# Square

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



83.2811, -37.2321, 50.6650



83.2811, -71.0246, -37.0899



83.2811, 34.3517, -115.4109



83.2811, 93.1656, 31.8494



# Rectangle

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



83.2792, -37.2297, 50.6645



83.2811, -73.5954, 24.8285



83.2811, 34.3517, -115.4109



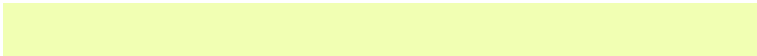
83.2811, 98.8551, -22.6523

# Sweetspot

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



83.2811, -37.2321, 50.6650



96.6911, -21.1673, 33.2211



43.3204, 65.6333, 27.8416



44.5524, -10.6553, 16.7491

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.2811, -37.2321, 50.6650



92.2381, -41.3158, 56.1134



77.3872, -61.0235, 46.6166



41.8111, -4.5629, 6.5138



62.7709, -27.8935, 38.1908



17.6912, -7.4251, 10.7712



# Inverse Universe

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



25.2532, 66.5372, -164.2794



27.9291, 73.6798, -182.3411



35.8988, 77.8615, -103.8455



38.3138, 0.4324, -2.5705



19.1200, 50.2025, -122.9839



5.6959, 14.3564, -31.9930



# Previews

## White Background



This preview shows how the HunterLab color 83.2792, -37.2297, 50.6645 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 83.2792, -37.2297, 50.6645 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 83.2792, -37.2297, 50.6645 Background



This preview shows how black text looks on a background with the HunterLab color 83.2792, -37.2297, 50.6645.



This preview shows how white text looks on a background with the HunterLab color 83.2792, -37.2297, 50.6645.

-37.2297, 50.6645.

# 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

83.2792, -37.2297, 50.6645

### Protanopia

82.9812, -11.5891, 50.9297

### Deuteranopia

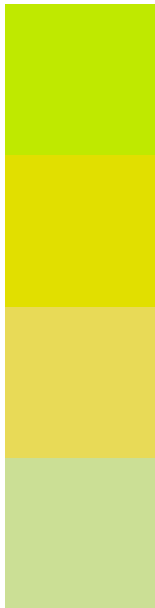
82.8484, 2.5677, 34.4265



## Tritanopia

83.2273, -3.5757, -4.2318

# Trichromacy



## Original Color

83.2792, -37.2297, 50.6645

## Protanomaly

82.9355, -21.5124, 50.7278

## Deuteranomaly

82.4541, -14.2517, 44.0746

## Tritanomaly

82.2446, -21.4309, 29.8057

# Monochromacy



## Original Color

83.2792, -37.2297, 50.6645

## Achromatopsia

73.4493, -3.9191, 3.9906

## Achromatomaly

76.0784, -20.2272, 31.9213

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.2792, -37.2297, 50.6645 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(191, 233, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 233, 0)  
}
```

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(191, 233, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 233, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.2792, -37.2297, 50.6645 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(191, 233, 0) }
```



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

```
.border{ border-color:rgb(191, 233, 0) }
```

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

Here you see how a box with a 4 pixel rgb(191, 233, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 233, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 233, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 233,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.2792, -37.2297, 50.6645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 233, 0) }
```

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

```
.background{ background-color: rgb(191,  
233, 0) }
```

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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