

# Converting Colors

HunterLab(84.1752, -36.5593,  
51.2283)

Have a look what the booklet for  
HunterLab(84.1752, -36.5593,  
51.2283) contains.

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# Color

**HunterLab(84.2726,  
-36.8813, 51.2827)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3EB00
RGB	195, 235, 0
RGB Percent	76%, 92%, 0%
CMY	0.2353, 0.0784, 0.9999
CMYK	0.17, 0.00, 1.00, 0.08
HSL	70°, 100%, 46%
HSV	70°, 100%, 92%
XYZ	52.2140, 71.0187, 10.9560
YIQ	196.2500, 51.5950, -81.5650

# Conversions

## Conversions Part 2

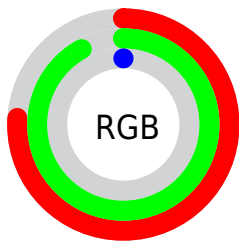
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 235, 40
Decimal	12839680
CIELab	87.50, -36.60, 85.41
CIElCh	87, 92.924, 113.195
Yxy	71.0219, 0.3891, 0.5292
Android (android.graphics.Color)	4291029760 (0xFFC3EB00)
YUV	196.2500, -96.7512, -1.0962
Hunter-Lab	84.2726, -36.8813, 51.2827

# Details

The HunterLab color **84.2726, -36.8813, 51.2827** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **25.3991, 67.1055, -166.6566**, and the grayscale version is **74.7888, -3.9905, 4.0634**.

A 20% lighter version of the original color is **96.7137, -23.6483, 53.1129**, and **61.2164, -30.5183, 37.1870** is the 20% darker color. If you saturate the color by 10%, you get **84.2740, -36.8857, 51.2835**, and if you desaturate by 10%, it is **84.6322, -35.4298, 50.9419**.

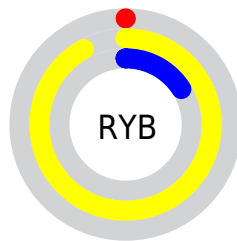
# Distribution



Red (76%)

Green (92%)

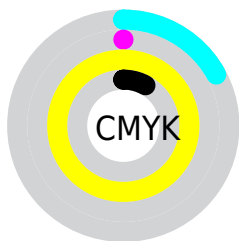
Blue (0%)



Red (0%)

Yellow (92%)

Blue (16%)

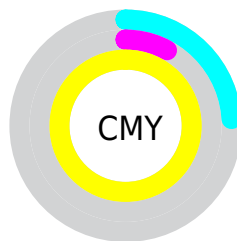


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (8%)



Cyan (24%)

Magenta (8%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.2726, -36.8813, 51.2827 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 84.2726, -36.8813, 51.2827 by changing the saturation by 10% instead.



■ 84.2726, -36.8813,  
51.2827

■ 84.2726, -36.8813,  
51.2827

215.4368,  
-57.5435, 93.5341

■ 72.3603, -34.3666,  
45.7978

■ 109.8476,  
-41.7254, 61.6632

■ 61.0673, -31.7644,  
40.0955

■ 123.4564,  
-44.0726, 66.5945

■ 50.4319, -29.0545,  
34.1748

■ 137.5850,  
-46.3818, 71.3765

■ 40.4976, -26.2051,  
28.3483

■ 152.2149,  
-48.6593, 76.0249

■ 31.3178, -23.1698,  
21.9224

■ 167.3294,  
-50.9102, 80.5534

■ 22.9605, -19.8760,  
16.0724

■ 182.9136,

■ 15.5166, -16.2025,

-53.1390, 84.9742

10.8616

198.9536,  
-55.3490, 89.2980

■ 9.1094, -15.9415,  
6.3766

0.0000, NaN, NaN

■ 84.2726, -36.8813,  
51.2827

■ 84.2726, -36.8813,  
51.2827

■ 84.2740, -36.8857,  
51.2835

■ 84.6322, -35.4298,  
50.9419

■ 85.0424, -33.6909,  
49.9354

■ 85.5188, -31.5914,  
48.0643

■ 86.0687, -29.0942,  
45.2250

■ 86.6976, -26.1737,  
41.3417

■ 87.4100, -22.8127,  
36.3598

■ 88.2093, -19.0015,  
30.2427

■ 89.0981, -14.7363,  
22.9695

■ 90.0781, -10.0189,  
14.5328

# Harmonies

## Analogous

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



84.2745, 6.3494, 52.8651



84.2726, -36.8813, 51.2827



84.2745, -64.7722, 41.2732

# Triad

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



84.2745, -36.8837, 51.2832



84.2745, -51.6273, -95.7849



84.2745, 103.8328, -6.1182

# Complementary

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



84.2726, -36.8813, 51.2827



25.3991, 67.1055, -166.6566

# 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.



84.2745, 79.6328, -63.8706



84.2726, -36.8813, 51.2827



84.2745, -14.8292, -130.9700

# Square

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



84.2745, -36.8837, 51.2832



84.2745, -71.9068, -36.2241



84.2745, 33.6555, -116.8989



84.2745, 94.3530, 31.6666



# Rectangle

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



84.2726, -36.8813, 51.2827



84.2745, -74.1117, 25.6466



84.2745, 33.6555, -116.8989



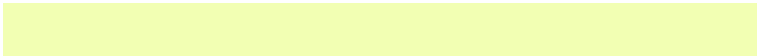
84.2745, 99.2207, -23.8716

# Sweetspot

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



84.2745, -36.8837, 51.2832



96.7612, -20.9119, 33.2876



43.7346, 66.2943, 28.1083



44.5892, -10.5207, 16.7828

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.2745, -36.8837, 51.2832



92.4420, -40.5269, 56.2528



78.1376, -61.6254, 47.0684



41.8207, -4.5291, 6.5247



62.9074, -27.3661, 38.2842



17.7250, -7.2954, 10.7943



# Inverse Universe

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



25.3991, 67.1055, -166.6566



27.8256, 73.5987, -183.1530



36.2427, 78.6119, -104.8766



38.3042, 0.3996, -2.5836



19.0443, 50.1423, -123.5707

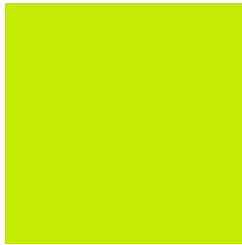


5.6654, 14.3289, -32.2051



# Previews

## White Background



This preview shows how the HunterLab color 84.2726, -36.8813, 51.2827 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

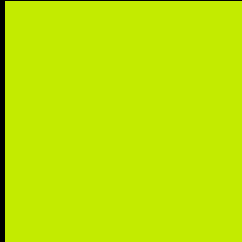
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.2726, -36.8813, 51.2827 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 84.2726, -36.8813, 51.2827 Background



This preview shows how black text looks on a background with the HunterLab color 84.2726, -36.8813, 51.2827.



This preview shows how white text looks on a background with the HunterLab color 84.2726,

-36.8813, 51.2827.

# 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

84.2726, -36.8813, 51.2827

### Protanopia

83.9269, -11.4143, 51.5155

### Deuteranopia

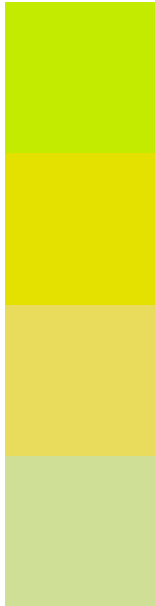
83.9180, 1.9789, 32.5312



## Tritanopia

83.9613, -2.4864, -4.3455

# Trichromacy



## Original Color

84.2726, -36.8813, 51.2827

## Protanomaly

83.8716, -21.3783, 51.3070

## Deuteranomaly

83.2468, -14.5127, 43.6665

## Tritanomaly

82.9329, -20.5276, 30.1152

# Monochromacy



## Original Color

84.2726, -36.8813, 51.2827

## Achromatopsia

74.2975, -3.9643, 4.0367

## Achromatomaly

77.0127, -20.0106, 32.1675

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.2726, -36.8813, 51.2827 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(195, 235, 0)` looks like.

```
.text, #text, p{  
    color:rgb(195, 235, 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(195, 235, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 235, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.2726, -36.8813, 51.2827 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(195, 235, 0) }
```



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

```
.border{ border-color:rgb(195, 235, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 235, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 235, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 235, 0);  
box-shadow:4px 4px 4px 4px rgb(195, 235,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.2726, -36.8813, 51.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 235, 0) }
```

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

```
.background{ background-color: rgb(195,  
235, 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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