

# Converting Colors

HunterLab(83.5108, -37.2379,  
44.2523)

Have a look what the booklet for  
HunterLab(83.5108, -37.2379,  
44.2523) contains.

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# Color

**HunterLab(83.5108,  
-37.2379, 44.2523)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8EA58
RGB	184, 234, 88
RGB Percent	72%, 92%, 35%
CMY	0.2784, 0.0823, 0.6549
CMYK	0.21, 0.00, 0.62, 0.08
HSL	81°, 78%, 63%
HSV	81°, 62%, 92%
XYZ	50.9514, 69.7405, 20.0083
YIQ	202.4060, 17.0660, -56.0060

# Conversions

## Conversions Part 2

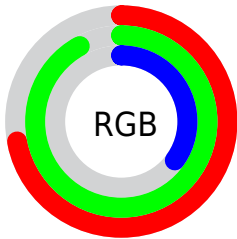
Format	Color
<a href="#">RYB</a>	88, 234, 138
Decimal	12118616
CIELab	86.87, -37.23, 63.66
CIElCh	87, 73.746, 120.324
Yxy	69.7436, 0.3621, 0.4957
Android (android.graphics.Color)	4290308696 (0xFFB8EA58)
YUV	202.4060, -56.4022, -16.1421
Hunter-Lab	83.5108, -37.2379, 44.2523

# Details

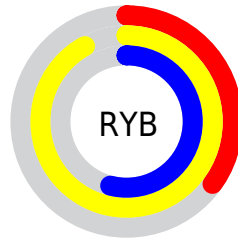
The HunterLab color **83.5108, -37.2379, 44.2523** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **42.8078, 45.2808, -80.6481**, and the grayscale version is **77.2547, -4.1221, 4.1974**.

A 20% lighter version of the original color is **96.2070, -24.2366, 42.8431**, and **60.3589, -32.0779, 35.6127** is the 20% darker color. If you saturate the color by 10%, you get **82.7370, -40.6542, 46.7296**, and if you desaturate by 10%, it is **84.3882, -33.3349, 40.7676**.

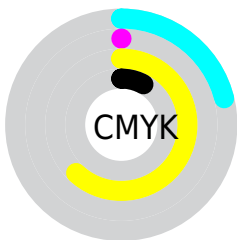
# Distribution



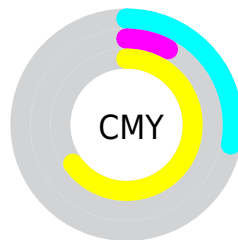
- Red (72%)
- Green (92%)
- Blue (35%)



- Red (35%)
- Yellow (92%)
- Blue (54%)



- Cyan (21%)
- Magenta (0%)
- Yellow (62%)
- Black (8%)



- Cyan (28%)
- Magenta (8%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.5108, -37.2379, 44.2523 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 83.5108, -37.2379, 44.2523 by changing the saturation by 10% instead.



■ 83.5108, -37.2379,  
44.2523

■ 83.5108, -37.2379,  
44.2523

214.3943,  
-58.1677, 76.9090

■ 71.6363, -34.6832,  
40.0331

■ 109.0152,  
-42.1530, 52.2211

■ 60.3833, -32.0377,  
35.6228

■ 122.5909,  
-44.5325, 56.0111

■ 49.7903, -29.2798,  
30.9936

■ 136.6876,  
-46.8723, 59.6940

■ 39.9014, -26.3765,  
26.1196

■ 151.2866,  
-49.1788, 63.2833

■ 30.7708, -23.2789,  
21.5396

166.3714,  
-51.4576, 66.7904

■ 22.4677, -19.9109,  
15.7274

181.9266,

■ 15.0845, -16.1443,

-53.7129, 70.2251

10.5592

197.9385,  
-55.9486, 73.5955

■ 8.7216, -15.2628,  
6.1051

0.0000, NaN, NaN

■ 83.5108, -37.2379,  
44.2523

■ 83.5108, -37.2379,  
44.2523

■ 82.7370, -40.6542,  
46.7296

■ 84.3882, -33.3349,  
40.7676

■ 82.0559, -43.5967,  
48.2700

■ 85.3673, -28.9303,  
36.2266

■ 81.4621, -46.1014,  
48.9791

■ 86.4527, -24.0266,  
30.6030

■ 81.0585, -47.7698,  
49.1116

■ 87.6457, -18.6310,  
23.8868

■ 88.9471, -12.7567,  
16.0827

■ 90.3567, -6.4216,  
7.2075

■ 91.8738, 0.3530,  
-2.7117

■ 92.7613, 3.5945,  
-3.2482

■ 93.4498, 5.9175,  
-2.3377

# Harmonies

## Analogous

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



83.5127, -4.8602, 47.7085



83.5108, -37.2379, 44.2523



83.5127, -57.4342, 31.4567

# Triad

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



83.5127, -37.2400, 44.2529



83.5127, -36.6575, -77.5322



83.5127, 78.6409, 4.9255

# Complementary

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



83.5108, -37.2379, 44.2523



42.8078, 45.2808, -80.6481

# 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.



83.5127, 66.2642, -36.0725



83.5108, -37.2379, 44.2523



83.5127, -4.0600, -94.5376

# Square

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



83.5127, -37.2400, 44.2529



83.5127, -57.1410, -37.0344



83.5127, 34.3134, -76.8281



83.5127, 65.7405, 31.8704



# Rectangle

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



83.5108, -37.2379, 44.2523



83.5127, -63.3477, 15.0770



83.5127, 34.3134, -76.8281



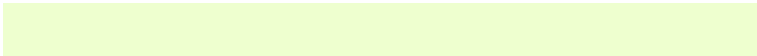
83.5127, 77.2773, -7.5651

# Sweetspot

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



83.5127, -37.2400, 44.2529



97.0827, -18.4573, 23.6232



59.9966, 27.6806, 28.3296



44.7291, -9.3786, 12.0233

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.5127, -37.2400, 44.2529



90.9779, -45.8304, 52.1210



79.3853, -53.6801, 41.0810



41.6578, -5.1056, 6.3393



60.8218, -35.5705, 36.8554



17.1978, -9.3524, 10.4335



# Inverse Universe

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



42.8078, 45.2808, -80.6481



39.4280, 62.1151, -116.8840



51.5504, 65.0064, -56.6302



38.4704, 0.9656, -2.3582



20.8871, 51.7516, -110.3921



6.2773, 14.9258, -28.3137



# Previews

## White Background



This preview shows how the HunterLab color 83.5108, -37.2379, 44.2523 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

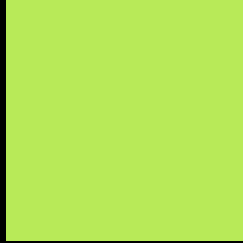
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.5108, -37.2379, 44.2523 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 83.5108, -37.2379, 44.2523 Background



This preview shows how black text looks on a background with the HunterLab color 83.5108, -37.2379, 44.2523.



This preview shows how white text looks on a background with the HunterLab color 83.5108, -37.2379, 44.2523.

-37.2379, 44.2523.

# 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

83.5108, -37.2379, 44.2523

### Protanopia

83.1429, -10.2620, 45.2168

### Deuteranopia

82.9907, 3.3348, 32.3466



## Tritanopia

83.2671, -6.4307, -5.8535

# Trichromacy



## Original Color

83.5108, -37.2379, 44.2523

## Protanomaly

82.9478, -20.6763, 44.6070

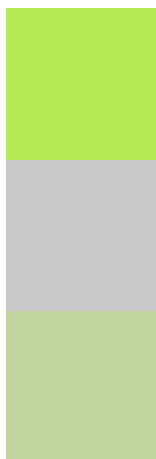
## Deuteranomaly

82.6172, -12.7368, 37.0007

## Tritanomaly

82.6634, -20.0473, 18.4534

# Monochromacy



## Original Color

83.5108, -37.2379, 44.2523

## Achromatopsia

76.8517, -4.1006, 4.1755

## Achromatomaly

78.9104, -18.2372, 22.9704

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.5108, -37.2379, 44.2523 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(184, 234, 88)` looks like.

```
.text, #text, p{  
    color:rgb(184, 234, 88)  
}
```

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(184, 234, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 234, 88) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.5108, -37.2379, 44.2523 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(184, 234, 88) }
```



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

```
.border{ border-color:rgb(184, 234, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 234, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 234, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 234, 88);  
box-shadow:4px 4px 4px 4px rgb(184, 234,  
88) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.5108, -37.2379, 44.2523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 234, 88) }
```

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

```
.background{ background-color: rgb(184,  
234, 88) }
```

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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