

Converting Colors

HunterLab(83.4127, -37.1314,
41.3800)

Have a look what the booklet for
HunterLab(83.4127, -37.1314,
41.3800) contains.

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Color

**HunterLab(83.4679,
-37.0509, 41.4809)**

Conversions

Conversions Part 1

Format	Color
Hex	B5EA68
RGB	181, 234, 104
RGB Percent	71%, 92%, 41%
CMY	0.2902, 0.0823, 0.5921
CMYK	0.23, 0.00, 0.56, 0.08
HSL	84°, 76%, 66%
HSV	84°, 56%, 92%
XYZ	50.9776, 69.6689, 23.8573
YIQ	203.3330, 10.1420, -51.6660

Conversions

Conversions Part 2

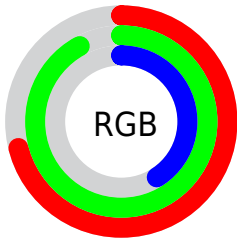
Format	Color
RYB	104, 234, 157
Decimal	11922024
CIELab	86.84, -37.01, 56.73
CIELCh	87, 67.734, 123.123
Yxy	69.6720, 0.3528, 0.4821
Android (android.graphics.Color)	4290112104 (0xFFB5EA68)
YUV	203.3330, -48.9712, -19.5860
Hunter-Lab	83.4679, -37.0509, 41.4809

Details

The HunterLab color **83.4679, -37.0509, 41.4809** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **47.9700, 41.4868, -65.9310**, and the grayscale version is **77.6223, -4.1417, 4.2174**.

A 20% lighter version of the original color is **96.1114, -24.0474, 38.5679**, and **60.3581, -31.8304, 33.6709** is the 20% darker color. If you saturate the color by 10%, you get **82.5508, -41.1287, 44.6122**, and if you desaturate by 10%, it is **84.5035, -32.4375, 37.3180**.

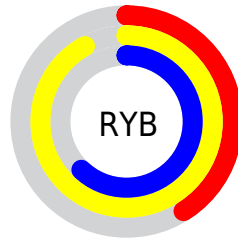
Distribution



Red (71%)

Green (92%)

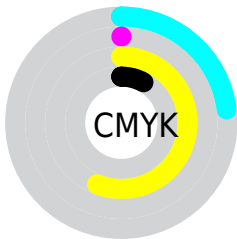
Blue (41%)



Red (41%)

Yellow (92%)

Blue (62%)

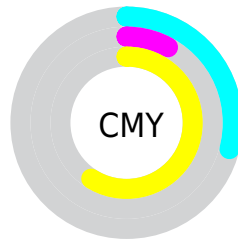


Cyan (23%)

Magenta (0%)

Yellow (56%)

Black (8%)



Cyan (29%)


Magenta (8%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.4679, -37.0509, 41.4809 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 83.4679, -37.0509, 41.4809 by changing the saturation by 10% instead.


 83.4679, -37.0509,
41.4809


 83.4679, -37.0509,
41.4809


214.3356,
-57.8946, 71.0954


 71.5955, -34.5080,
37.6803


 108.9683,
-41.9439, 48.6697


 60.3448, -31.8752,
33.7081


 122.5421,
-44.3132, 52.0958

 49.7542, -29.1310,
29.5342


 136.6370,
-46.6432, 55.4304

 39.8679, -26.2424,
25.1250

 151.2343,
-48.9403, 58.6857

 30.7401, -23.1609,
20.6034

166.3174,
-51.2100, 61.8719

 22.4400, -19.8109,
15.7080

181.8709,

 15.0603, -16.0648,

-53.4566, 64.9975

10.5422

197.8812,
-55.6837, 68.0699

■ 8.6992, -15.2236,
6.0894

0.0000, NaN, NaN

■ 83.4679, -37.0509,
41.4809

■ 83.4679, -37.0509,
41.4809

■ 82.5508, -41.1287,
44.6122

■ 84.5035, -32.4375,
37.3180

■ 81.7428, -44.6719,
46.7606


■ 85.6548, -27.2852,
32.0937


■ 81.0400, -47.7028,
48.0051


■ 86.9247, -21.6070,
25.7991


■ 80.4341, -50.2591,
48.4630

■ 88.3138, -15.4202,
18.4405

 80.1890, -51.2818,
48.5143

 89.8215, -8.7473,
10.0373

 91.4466, -1.6147,
0.6191

 92.7288, 3.4844,
-3.2913

 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.



83.4697, -7.9653, 45.6767



83.4679, -37.0509, 41.4809



83.4697, -54.8310, 27.9182

Triad

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



83.4697, -37.0530, 41.4815



83.4697, -31.8264, -71.4446



83.4697, 70.7593, 7.8381

Complementary

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



83.4679, -37.0509, 41.4809



47.9700, 41.4868, -65.9310

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.



83.4697, 61.7003, -28.4748



83.4679, -37.0509, 41.4809



83.4697, -0.8922, -83.6347

Square

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



83.4697, -37.0530, 41.4815



83.4697, -52.1673, -36.7370



83.4697, 34.0608, -65.4905



83.4697, 57.1674, 31.7350

Rectangle

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



83.4679, -37.0509, 41.4809



83.4697, -59.6273, 11.6053



83.4697, 34.0608, -65.4905



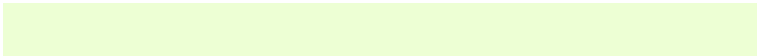
83.4697, 70.2672, -3.1949

Sweetspot

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



83.4697, -37.0530, 41.4815



97.1166, -18.0745, 21.6409



65.0163, 18.8863, 28.4493



44.7846, -9.0116, 10.7964

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.4697, -37.0530, 41.4815



90.8400, -46.0698, 49.6741



79.7687, -51.7426, 38.5121



41.5970, -5.3218, 6.2698



60.1733, -38.1869, 36.4100



17.0270, -10.0340, 10.3163

Inverse Universe

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



47.9700, 41.4868, -65.9310



45.2055, 57.2064, -95.2273



55.8705, 60.7668, -47.1194



38.5341, 1.1820, -2.2720



21.8791, 52.7258, -104.1341



6.5637, 15.2341, -26.7159

Previews

White Background



This preview shows how the HunterLab color 83.4679, -37.0509, 41.4809 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 83.4679, -37.0509, 41.4809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

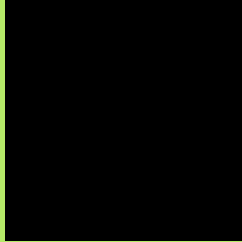
Any Text WCAG AA ✓ Pass

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 83.4679, -37.0509, 41.4809 Background



This preview shows how black text looks on a background with the HunterLab color 83.4679, -37.0509, 41.4809.



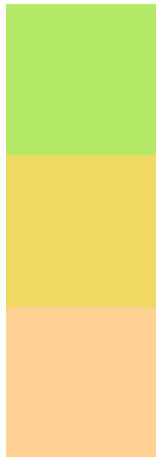
This preview shows how white text looks on a background with the HunterLab color 83.4679, -37.0509, 41.4809.

-37.0509, 41.4809.

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

83.4679, -37.0509, 41.4809

Protanopia

83.0974, -10.0910, 42.6052

Deuteranopia

83.0279, 3.5349, 31.8040



Tritanopia

83.3324, -7.8159, -5.7927

Trichromacy



Original Color

83.4679, -37.0509, 41.4809

Protanomaly

82.9307, -20.3970, 41.9422

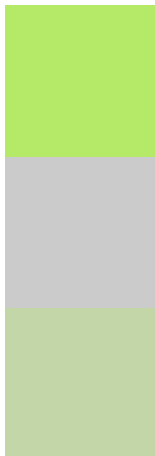
Deuteranomaly

82.6290, -12.4727, 35.2896

Tritanomaly

82.9042, -20.5288, 16.2949

Monochromacy



Original Color

83.4679, -37.0509, 41.4809

Achromatopsia

77.2788, -4.1234, 4.1987

Achromatomaly

79.0476, -17.4616, 20.9817

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.4679, -37.0509, 41.4809 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(181, 234, 104)` looks like.

```
.text, #text, p{  
    color:rgb(181, 234, 104)  
}
```

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(181, 234, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 234, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 83.4679, -37.0509, 41.4809 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(181, 234, 104) }
```


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

```
.border{ border-color:rgb(181, 234, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 234, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 234, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 234, 104);  
box-shadow:4px 4px 4px 4px rgb(181, 234,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.4679, -37.0509, 41.4809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 234, 104) }
```

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

```
.background{ background-color: rgb(181,  
234, 104) }
```

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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