

Converting Colors

HunterLab(82.9500, -40.3636,
42.8586)

Have a look what the booklet for
HunterLab(82.9500, -40.3636,
42.8586) contains.

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Color

**HunterLab(83.0635,
-40.6167, 42.9135)**

Conversions

Conversions Part 1

Format	Color
Hex	ACEB5E
RGB	172, 235, 94
RGB Percent	67%, 92%, 37%
CMY	0.3255, 0.0784, 0.6314
CMYK	0.27, 0.00, 0.60, 0.08
HSL	87°, 78%, 65%
HSV	87°, 60%, 92%
XYZ	48.7420, 68.9955, 21.3381
YIQ	200.0890, 7.7130, -57.2070

Conversions

Conversions Part 2

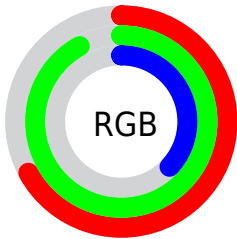
Format	Color
RYB	94, 235, 157
Decimal	11332446
CIELab	86.50, -41.61, 60.56
CIELCh	87, 73.473, 124.492
Yxy	68.9985, 0.3505, 0.4961
Android (android.graphics.Color)	4289522526 (0xFFACEB5E)
YUV	200.0890, -52.3019, -24.6341
Hunter-Lab	83.0635, -40.6167, 42.9135

Details

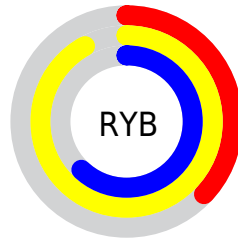
The HunterLab color **83.0635, -40.6167, 42.9135** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **46.0148, 47.1213, -72.0985**, and the grayscale version is **76.2517, -4.0686, 4.1429**.

A 20% lighter version of the original color is **95.1383, -27.9936, 40.4138**, and **60.0155, -35.0605, 34.6384** is the 20% darker color. If you saturate the color by 10%, you get **82.1567, -44.6350, 45.6012**, and if you desaturate by 10%, it is **84.0964, -36.0305, 39.2138**.

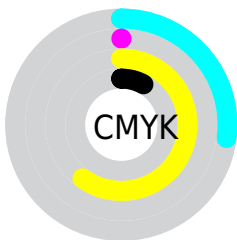
Distribution



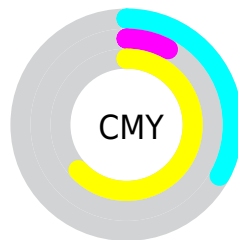
- Red (67%)
- Green (92%)
- Blue (37%)



- Red (37%)
- Yellow (92%)
- Blue (62%)



- Cyan (27%)
- Magenta (0%)
- Yellow (60%)
- Black (8%)



- Cyan (33%)
- Magenta (8%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.0635, -40.6167, 42.9135 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 83.0635, -40.6167, 42.9135 by changing the saturation by 10% instead.

■ 83.0635, -40.6167,
42.9135

■ 83.0635, -40.6167,
42.9135

213.7816,
-63.2891, 74.2336

■ 71.2113, -37.8158,
38.8753

■ 108.5262,
-45.9818, 50.5426

■ 59.9819, -34.9065,
34.6533

■ 122.0824,
-48.5694, 54.1732

■ 49.4140, -31.8635,
30.2181

■ 136.1603,
-51.1079, 57.7032

■ 39.5519, -28.6479,
25.5399

■ 150.7412,
-53.6050, 61.1455

■ 30.4504, -25.2029,
20.9913

165.8083,
-56.0668, 64.5111

■ 22.1793, -21.4404,
15.5255


181.3465,

■ 14.8322, -17.2813,


-58.4987, 67.8092


10.3825


197.3418,
-60.9049, 71.0478


 8.4850, -14.8488,
5.9395


0.0000, NaN, NaN


 83.0635, -40.6167,
42.9135


 83.0635, -40.6167,
42.9135


 82.1567, -44.6350,
45.6012


 84.0964, -36.0305,
39.2138


 81.3658, -48.0898,
47.3355

 85.2529, -30.8721,
34.4655

 80.6859, -51.0086,
48.2101

 86.5364, -25.1547,
28.6550

 80.1031, -53.4630,
48.4232

 87.9474, -18.8969,
21.7855

■ 80.1031, -53.4632,
48.4232

■ 89.4854, -12.1234,
13.8746

■ 91.1490, -4.8629,
4.9515

■ 92.8135, 2.1902,
-3.2066

■ 93.7548, 5.3761,
-1.9640

Harmonies

Analogous

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



83.0653, -9.8713, 47.3802



83.0635, -40.6167, 42.9135



83.0653, -58.8428, 28.4742

Triad

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



83.0653, -40.6187, 42.9140



83.0653, -32.5969, -81.3205



83.0653, 77.9157, 9.5906

Complementary

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



83.0635, -40.6167, 42.9135



46.0148, 47.1213, -72.0985

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.



83.0653, 69.0162, -29.7440



83.0635, -40.6167, 42.9135



83.0653, 1.1416, -93.6053

Square

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



83.0653, -40.6187, 42.9140



83.0653, -54.8042, -42.9683



83.0653, 39.2440, -71.6473



83.0653, 61.8155, 34.1784

Rectangle

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



83.0635, -40.6167, 42.9135



83.0653, -63.4736, 10.6884



83.0653, 39.2440, -71.6473



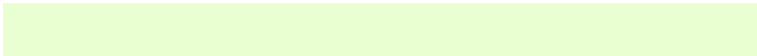
83.0653, 77.7680, -2.1579

Sweetspot

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



83.0653, -40.6187, 42.9140



96.8008, -19.3486, 22.3230



64.7679, 19.0046, 30.5475



44.5648, -9.9223, 11.4317

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.0653, -40.6187, 42.9140



89.9220, -49.9029, 50.5608



79.4578, -55.0995, 40.0944



41.5606, -5.4509, 6.2284



59.8213, -39.6205, 36.1680



16.9322, -10.4158, 10.2512

Inverse Universe

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



46.0148, 47.1213, -72.0985



43.1193, 63.4227, -102.4075



54.8722, 67.4036, -49.9375



38.5725, 1.3124, -2.2201



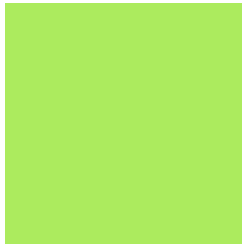
22.5460, 53.4166, -100.2048



6.7487, 15.4414, -25.7480

Previews

White Background



This preview shows how the HunterLab color 83.0635, -40.6167, 42.9135 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 83.0635, -40.6167, 42.9135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

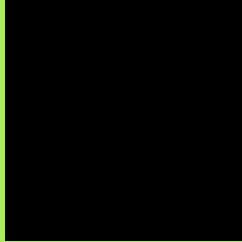
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

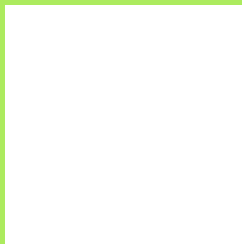
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 83.0635, -40.6167, 42.9135 Background



This preview shows how black text looks on a background with the HunterLab color 83.0635, -40.6167, 42.9135.



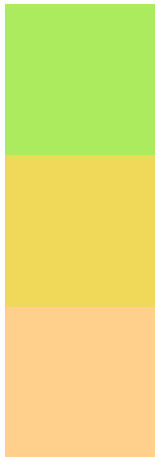
This preview shows how white text looks on a background with the HunterLab color 83.0635, -40.6167, 42.9135.

-40.6167, 42.9135.

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

83.0635, -40.6167, 42.9135

Protanopia

82.6690, -10.2542, 44.1392

Deuteranopia

82.6228, 3.4628, 33.1681



Tritanopia

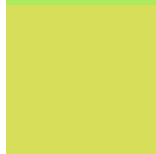
82.7259, -9.8873, -7.1712

Trichromacy



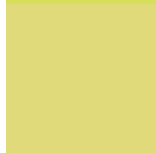
Original Color

83.0635, -40.6167, 42.9135



Protanomaly

82.4382, -22.4550, 43.4482



Deuteranomaly

82.2073, -14.2384, 36.8915



Tritanomaly

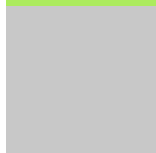
82.2107, -23.2442, 16.7482

Monochromacy



Original Color

83.0635, -40.6167, 42.9135



Achromatopsia

75.9987, -4.0551, 4.1292



Achromatomaly

78.1722, -19.2907, 22.2579

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.0635, -40.6167, 42.9135 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(172, 235, 94)` looks like.

```
.text, #text, p{  
    color:rgb(172, 235, 94)  
}
```

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(172, 235, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 235, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 83.0635, -40.6167, 42.9135 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(172, 235, 94) }
```


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

```
.border{ border-color:rgb(172, 235, 94) }
```

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

Here you see how a box with a 4 pixel rgb(172, 235, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 235, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 235, 94);  
box-shadow:4px 4px 4px 4px rgb(172, 235,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.0635, -40.6167, 42.9135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 235, 94) }
```

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

```
.background{ background-color: rgb(172,  
235, 94) }
```

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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