

Converting Colors

HunterLab(83.5228, -68.3623,
46.3007)

Have a look what the booklet for
HunterLab(83.5228, -68.3623,
46.3007) contains.

HunterLab(83.6035, -68.4061, 46.3257)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(83.6035,
-68.4061, 46.3257)**

Conversions

Conversions Part 1

Format	Color
Hex	29FB45
RGB	41, 251, 69
RGB Percent	16%, 98%, 27%
CMY	0.8392, 0.0157, 0.7294
CMYK	0.84, 0.00, 0.73, 0.02
HSL	128°, 96%, 57%
HSV	128°, 84%, 98%
XYZ	36.4858, 69.8955, 17.1984
YIQ	167.4620, -66.7380, -101.1220

Conversions

Conversions Part 2

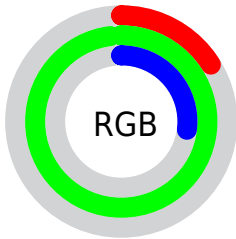
Format	Color
RYB	41, 226, 251
Decimal	2751301
CIELab	86.95, -80.35, 69.38
CIElCh	87, 106.157, 139.190
Yxy	69.8983, 0.2952, 0.5656
Android (android.graphics.Color)	4280941381 (0xFF29FB45)
YUV	167.4620, -48.5418, -110.9072
Hunter-Lab	83.6035, -68.4061, 46.3257

Details

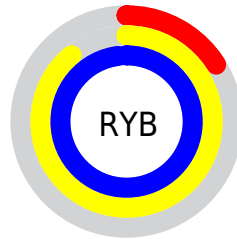
The HunterLab color **83.6035, -68.4061, 46.3257** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **52.3676, 92.0711, -45.1589**, and the grayscale version is **62.5690, -3.3385, 3.3995**.

A 20% lighter version of the original color is **88.0706, -56.1425, 39.7687**, and **61.7575, -52.9571, 37.1276** is the 20% darker color. If you saturate the color by 10%, you get **83.2549, -70.1648, 48.1386**, and if you desaturate by 10%, it is **84.2081, -65.4781, 43.8118**.

Distribution



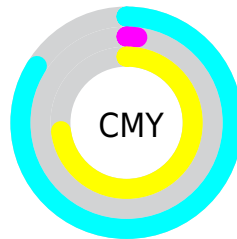
- Red (16%)
- Green (98%)
- Blue (27%)



- Red (16%)
- Yellow (89%)
- Blue (98%)



- Cyan (84%)
- Magenta (0%)
- Yellow (73%)
- Black (2%)





- Cyan (84%)
- Magenta (2%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.6035, -68.4061, 46.3257 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 83.6035, -68.4061, 46.3257 by changing the saturation by 10% instead.

 83.6035, -68.4061,
46.3257


 83.6035, -68.4061,
46.3257


214.5211,
-107.0806, 81.5099


 71.7242, -63.3429,
41.7639


 109.1163,
-77.9106, 54.9378


 60.4664, -58.0139,
36.9988


 122.6961,
-82.4115, 59.0295

 49.8682, -52.3612,
32.0061


 136.7967,
-86.7761, 63.0019

 39.9738, -46.3047,
26.7826

 151.3995,
-91.0222, 66.8693

 30.8372, -39.7337,
21.5860

 166.4878,
-95.1644, 70.6439

 22.5274, -32.4945,
15.7692

182.0466,

 15.1369, -26.4895,

-99.2149, 74.3364

10.5958

198.0619,
-103.1840, 77.9558

■ 8.7697, -15.3469,
6.1388

0.0000, NaN, NaN

■ 83.6035, -68.4061,
46.3257

■ 83.6035, -68.4061,
46.3257

■ 83.2549, -70.1648,
48.1386


■ 84.2081, -65.4781,
43.8118


■ 83.1322, -70.8028,
48.9350


■ 85.0958, -61.2654,
40.5779


■ 86.2900, -55.7213,
36.6320


■ 87.8044, -48.8521,
32.0054

 89.6459, -40.7092,
26.7490

 91.8150, -31.3792,
20.9278

 94.3074, -20.9730,
14.6158

 97.1148, -9.6159,
7.8901

 98.7305, -3.2132,
3.9669

Harmonies

Analogous

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



83.6052, -35.3650, 54.0765



83.6035, -68.4061, 46.3257



83.6052, -82.8034, 20.7529

Triad

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



83.6052, -68.4072, 46.3260



83.6052, -22.7153, -157.3969



83.6052, 115.0392, 30.5346

Complementary

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



83.6035, -68.4061, 46.3257



52.3676, 92.0711, -45.1589

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.



83.6052, 120.8681, -15.7262



83.6035, -68.4061, 46.3257



83.6052, 31.6967, -148.2985

Square

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



83.6052, -68.4072, 46.3260



83.6052, -61.1382, -106.9327



83.6052, 87.3800, -86.7034



83.6052, 73.0128, 49.6745

Rectangle

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



83.6035, -68.4061, 46.3257



83.6052, -83.0956, -12.4393



83.6052, 87.3800, -86.7034



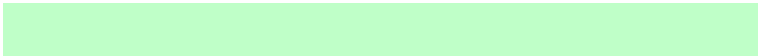
83.6052, 121.6315, 18.5865

Sweetspot

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



83.6052, -68.4072, 46.3260



93.1597, -33.3022, 22.1413



92.1118, -34.5923, 54.8029



42.7305, -16.9883, 11.2245

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.6052, -68.4072, 46.3260



84.6378, -72.0896, 49.8309



85.1614, -58.7919, 23.5665



43.9851, -7.5318, 5.4638



60.2803, -51.2705, 35.3331



18.3760, -15.4099, 10.2972

Inverse Universe

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



52.3676, 92.0711, -45.1589



51.4588, 98.2688, -45.3828



48.3777, 77.1269, 10.1539



41.8120, 3.1933, -0.8840



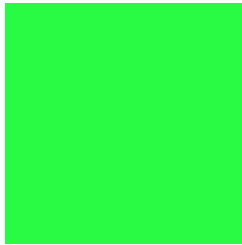
36.6662, 70.0561, -32.6179



11.2065, 21.4882, -10.5629

Previews

White Background



This preview shows how the HunterLab color 83.6035, -68.4061, 46.3257 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 83.6035, -68.4061, 46.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

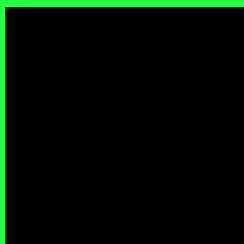
Any Text WCAG AA ✓ Pass

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 83.6035, -68.4061, 46.3257 Background



This preview shows how black text looks on a background with the HunterLab color 83.6035, -68.4061, 46.3257.



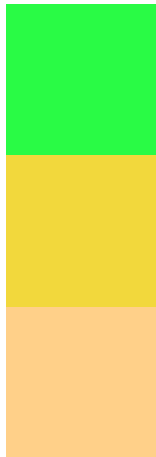
This preview shows how white text looks on a background with the HunterLab color 83.6035, -68.4061, 46.3257.

-68.4061, 46.3257.

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

83.6035, -68.4061, 46.3257

Protanopia

82.6530, -10.7685, 47.6753

Deuteranopia

82.5699, 3.1782, 33.9406



Tritanopia

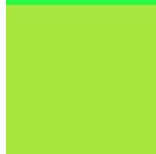
83.1797, -30.8437, -15.5239

Trichromacy



Original Color

83.6035, -68.4061, 46.3257



Protanomaly

80.5186, -40.5303, 45.4429



Deuteranomaly

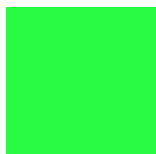
79.8926, -33.2121, 37.2719



Tritanomaly

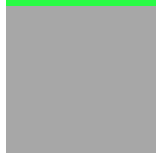
82.3105, -49.3199, 16.3938

Monochromacy



Original Color

83.6035, -68.4061, 46.3257



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

67.8909, -34.2116, 22.4828

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.6035, -68.4061, 46.3257 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(41, 251, 69)` looks like.

```
.text, #text, p{  
    color:rgb(41, 251, 69)  
}
```

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(41, 251, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 251, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 83.6035, -68.4061, 46.3257 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(41, 251, 69) }
```


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

```
.border{ border-color:rgb(41, 251, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 251, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 251, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 251, 69);  
box-shadow:4px 4px 4px 4px rgb(41, 251,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.6035, -68.4061, 46.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 251, 69) }
```

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

```
.background{ background-color: rgb(41, 251,  
69) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor