

Converting Colors

HunterLab(83.5963, -67.9965,
42.8293)

Have a look what the booklet for
HunterLab(83.5963, -67.9965,
42.8293) contains.

HunterLab(83.5947, -67.9908, 42.8096)	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(83.5947,
-67.9908, 42.8096)**

Conversions

Conversions Part 1

Format	Color
Hex	0CFB5E
RGB	12, 251, 94
RGB Percent	5%, 98%, 37%
CMY	0.9529, 0.0157, 0.6314
CMYK	0.95, 0.00, 0.63, 0.02
HSL	141°, 97%, 52%
HSV	141°, 95%, 98%
XYZ	36.6692, 69.8807, 22.1453
YIQ	161.6410, -92.0470, -99.4950

Conversions

Conversions Part 2

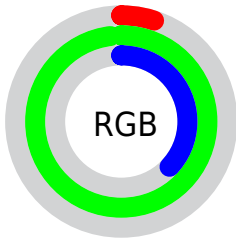
Format	Color
RYB	12, 190, 251
Decimal	850782
CIELab	86.94, -79.71, 59.86
CIELCh	87, 99.684, 143.093
Yxy	69.8836, 0.2849, 0.5430
Android (android.graphics.Color)	4279040862 (0xFF0CFB5E)
YUV	161.6410, -33.3470, -131.2352
Hunter-Lab	83.5947, -67.9908, 42.8096

Details

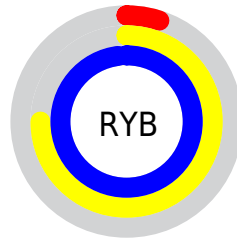
The HunterLab color **83.5947, -67.9908, 42.8096** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **48.6191, 87.7629, -14.2852**, and the grayscale version is **60.1236, -3.2080, 3.2666**.

A 20% lighter version of the original color is **88.0576, -55.4711, 34.1449**, and **61.8557, -52.3409, 35.6747** is the 20% darker color. If you saturate the color by 10%, you get **83.4691, -68.6931, 43.9597**, and if you desaturate by 10%, it is **83.9816, -65.9728, 40.0797**.

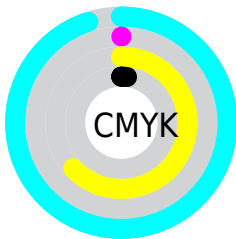
Distribution



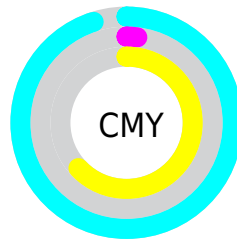
- Red (5%)
- Green (98%)
- Blue (37%)



- Red (5%)
- Yellow (75%)
- Blue (98%)



- Cyan (95%)
- Magenta (0%)
- Yellow (63%)
- Black (2%)





- Cyan (95%)
- Magenta (2%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.5947, -67.9908, 42.8096 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 83.5947, -67.9908, 42.8096 by changing the saturation by 10% instead.


 83.5947, -67.9908,
42.8096


 83.5947, -67.9908,
42.8096


214.5090,
-106.3923, 73.7899


 71.7159, -62.9661,
38.8207


 109.1067,
-77.4245, 50.3485


 60.4585, -57.6785,
34.6512


 122.6861,
-81.8927, 53.9379


 49.8608, -52.0702,
30.2717


 136.7863,
-86.2261, 57.4289

 39.9669, -46.0619,
25.6513

 151.3887,
-90.4424, 60.8341

 30.8309, -39.5434,
21.0671

 166.4767,
-94.5559, 64.1644

 22.5218, -32.3614,
15.7652

182.0351,

 15.1319, -26.4808,

-98.5789, 67.4288

10.5923

198.0501,
-102.5214, 70.6351

■ 8.7651, -15.3390,
6.1356

0.0000, NaN, NaN

■ 83.5947, -67.9908,
42.8096

■ 83.5947, -67.9908,
42.8096


■ 83.4691, -68.6931,
43.9597


■ 83.9816, -65.9728,
40.0797


■ 84.5931, -62.9417,
36.9553


■ 85.4610, -58.8000,
33.4725


■ 86.6058, -53.5053,
29.6737

 88.0405, -47.0600,
25.6079

 89.7721, -39.5043,
21.3283

 91.8024, -30.9073,
16.8894

 94.1285, -21.3593,
12.3445

 96.7443, -10.9630,
7.7434

Harmonies

Analogous

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



83.5964, -38.7514, 52.4234



83.5947, -67.9908, 42.8096



83.5964, -79.7707, 14.7639

Triad

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



83.5964, -67.9918, 42.8100



83.5964, -15.6529, -145.4131



83.5964, 102.8903, 32.9364

Complementary

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



83.5947, -67.9908, 42.8096



48.6191, 87.7629, -14.2852

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.



83.5964, 113.1713, -7.1404



83.5947, -67.9908, 42.8096



83.5964, 36.4291, -129.7553

Square

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



83.5964, -67.9918, 42.8100



83.5964, -54.4729, -105.7047



83.5964, 86.5242, -70.5457



83.5964, 61.0323, 49.4950

Rectangle

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



83.5947, -67.9908, 42.8096



83.5964, -78.6835, -18.7810



83.5964, 86.5242, -70.5457



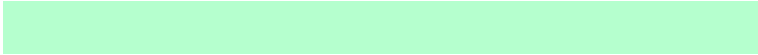
83.5964, 110.5011, 22.6399

Sweetspot

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



83.5964, -67.9918, 42.8100



92.6426, -34.9207, 18.9324



88.1588, -50.1374, 53.2112



42.4581, -17.8663, 9.6495

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.5964, -67.9918, 42.8100



84.9800, -69.9461, 44.7760



85.8994, -53.8424, 9.3729



44.0540, -7.1468, 4.4776



60.5350, -49.6758, 31.5722



18.4743, -14.7957, 8.8484

Inverse Universe

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



48.6191, 87.7629, -14.2852



49.0603, 89.7428, -12.6824



45.8473, 77.5772, 25.4316



41.7342, 2.7771, 0.2201



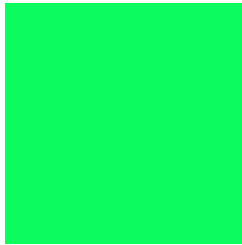
34.9782, 64.0586, -9.6257



10.7380, 19.8288, -4.2209

Previews

White Background



This preview shows how the HunterLab color 83.5947, -67.9908, 42.8096 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 83.5947, -67.9908, 42.8096 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 83.5947, -67.9908, 42.8096 Background



This preview shows how black text looks on a background with the HunterLab color 83.5947, -67.9908, 42.8096.



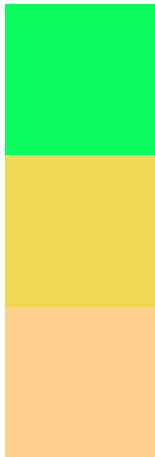
This preview shows how white text looks on a background with the HunterLab color 83.5947,

-67.9908, 42.8096.

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

83.5947, -67.9908, 42.8096

Protanopia

82.6300, -10.4707, 44.7145

Deuteranopia

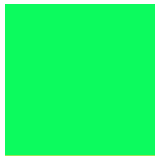
82.6407, 3.5593, 32.9061



Tritanopia

83.2701, -32.1865, -16.0161

Trichromacy



Original Color

83.5947, -67.9908, 42.8096



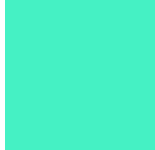
Protanomaly

79.9445, -42.3623, 41.6726



Deuteranomaly

79.3612, -34.9010, 34.0449



Tritanomaly

82.5599, -49.6226, 12.4995

Monochromacy



Original Color

83.5947, -67.9908, 42.8096



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

65.9663, -34.6135, 18.7705

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5947, -67.9908, 42.8096 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(12, 251, 94)` looks like.

```
.text, #text, p{  
    color:rgb(12, 251, 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(12, 251, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 251, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5947, -67.9908, 42.8096 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(12, 251, 94) }
```


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

```
.border{ border-color:rgb(12, 251, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 251, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 251, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 251, 94);  
box-shadow:4px 4px 4px 4px rgb(12, 251,  
94) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.5947, -67.9908, 42.8096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 251, 94) }
```

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

```
.background{ background-color: rgb(12, 251,  
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](#).

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