

Converting Colors

HunterLab(81.8817, -67.9380,
44.3139)

Have a look what the booklet for
HunterLab(81.8817, -67.9380,
44.3139) contains.

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Color

**HunterLab(81.8800,
-67.9370, 44.3136)**

Conversions

Conversions Part 1

Format	Color
Hex	00F74C
RGB	0, 247, 76
RGB Percent	0%, 97%, 30%
CMY	1.0000, 0.0314, 0.7019
CMYK	1.00, 0.00, 0.69, 0.03
HSL	138°, 100%, 48%
HSV	138°, 100%, 97%
XYZ	34.5653, 67.0433, 17.9564
YIQ	153.6530, -92.3210, -105.5450

Conversions

Conversions Part 2

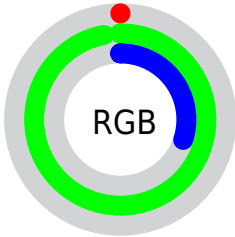
Format	Color
RYB	0, 189, 247
Decimal	63308
CIELab	85.53, -80.72, 65.37
CIELCh	86, 103.867, 140.999
Yxy	67.0461, 0.2891, 0.5607
Android (android.graphics.Color)	4278253388 (0xFF00F74C)
YUV	153.6530, -38.2829, -134.7537
Hunter-Lab	81.8800, -67.9370, 44.3136

Details

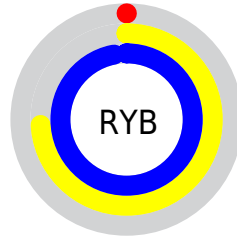
The HunterLab color **81.8800, -67.9370, 44.3136** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **47.6608, 87.7891, -17.0259**, and the grayscale version is **56.8842, -3.0352, 3.0906**.

A 20% lighter version of the original color is **87.6689, -57.5951, 38.0057**, and **60.3284, -51.7316, 36.2684** is the 20% darker color. If you saturate the color by 10%, you get **81.8816, -67.9383, 44.3144**, and if you desaturate by 10%, it is **82.1701, -66.3843, 41.9805**.

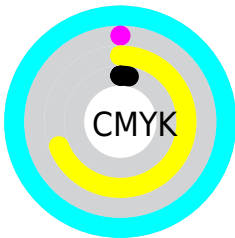
Distribution



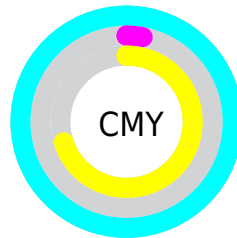
- Red (0%)
- Green (97%)
- Blue (30%)



- Red (0%)
- Yellow (74%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (3%)



- Cyan (100%)
- Magenta (3%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.8800, -67.9370, 44.3136 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 81.8800, -67.9370, 44.3136 by changing the saturation by 10% instead.

81.8800, -67.9370,
44.3136

81.8800, -67.9370,
44.3136

212.1577,
-106.9271, 77.8451

70.0872, -62.8164,
39.9665

107.2317,
-77.5365, 52.5151

58.9206, -57.4210,
35.4207

120.7359,
-82.0776, 56.4115

48.4195, -51.6901,
30.6493

134.7637,
-86.4787, 60.1951

38.6290, -45.5396,
25.6315

149.2963,
-90.7581, 63.8798

29.6052, -38.8532,
20.7236

164.3167,
-94.9310, 67.4777

21.4196, -31.5214,
14.9938

179.8095,

14.1691, -24.7959,

-99.0100, 70.9989

9.9184

195.7608,
-103.0057, 74.4522

■ 7.8224, -13.6892,
5.4757

0.0000, NaN, NaN

■ 81.8800, -67.9370,
44.3136

■ 81.8800, -67.9370,
44.3136

■ 81.8816, -67.9383,
44.3144

■ 82.1701, -66.3843,
41.9805

■ 82.6545, -63.9324,
39.1878

■ 83.3814, -60.4043,
35.9698

■ 84.3754, -55.7326,
32.3603

■ 85.6527, -49.8996,
28.4023

■ 87.2229, -42.9292,
24.1461

■ 89.0900, -34.8784,
19.6464

■ 91.2531, -25.8298,
14.9595

■ 93.7073, -15.8823,
10.1400

Harmonies

Analogous

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



81.8817, -36.8915, 52.6263



81.8800, -67.9370, 44.3136



81.8817, -80.9587, 17.8536

Triad

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



81.8817, -67.9380, 44.3139



81.8817, -19.2808, -153.5889



81.8817, 109.9475, 31.5154

Complementary

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



81.8800, -67.9370, 44.3136



47.6608, 87.7891, -17.0259

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.



81.8817, 118.0179, -11.6726



81.8800, -67.9370, 44.3136



81.8817, 34.1748, -141.0396

Square

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



81.8817, -67.9380, 44.3139



81.8817, -57.7889, -107.5732



81.8817, 87.5497, -79.6263



81.8817, 67.6389, 49.0458

Rectangle

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



81.8800, -67.9370, 44.3136



81.8817, -80.6068, -15.6059



81.8817, 87.5497, -79.6263



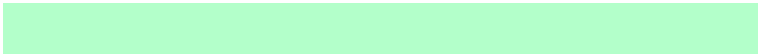
81.8817, 117.1059, 20.4548

Sweetspot

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



81.8817, -67.9380, 44.3139



92.3636, -36.2113, 20.3960



86.8318, -48.1950, 52.6615



42.3363, -18.4438, 10.3600

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.8817, -67.9380, 44.3139



84.8980, -70.4590, 45.9857



84.0138, -54.7939, 13.2745



43.0767, -7.0444, 4.5392



59.5644, -49.2893, 31.9511



17.7085, -14.3015, 8.7388

Inverse Universe

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



47.6608, 87.7891, -17.0259



49.4124, 91.0070, -17.5792



44.7216, 77.0900, 24.9949



40.8367, 2.7731, 0.0397



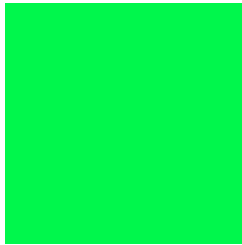
34.6980, 63.9793, -12.9119



10.3754, 19.2846, -5.0508

Previews

White Background



This preview shows how the HunterLab color 81.8800, -67.9370, 44.3136 looks on a white background.

Color Contrast Check

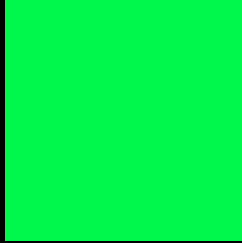
Large Text (above 18pt) WCAG AA × Fail

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 81.8800, -67.9370, 44.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

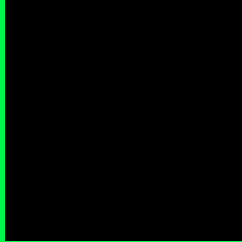
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

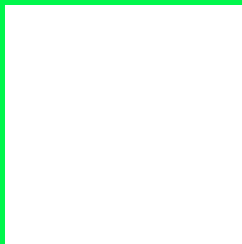
Any Text WCAG AAA ✓ Pass

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

HunterLab 81.8800, -67.9370, 44.3136 Background



This preview shows how black text looks on a background with the HunterLab color 81.8800, -67.9370, 44.3136.



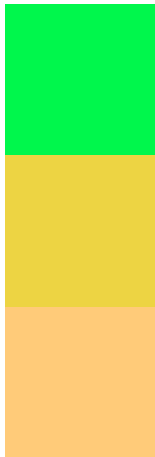
This preview shows how white text looks on a background with the HunterLab color 81.8800, -67.9370, 44.3136.

-67.9370, 44.3136.

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

81.8800, -67.9370, 44.3136

Protanopia

80.9301, -10.4344, 45.7958

Deuteranopia

80.8408, 4.3635, 36.6232



Tritanopia

81.7056, -31.4756, -15.2394

Trichromacy



Original Color

81.8800, -67.9370, 44.3136



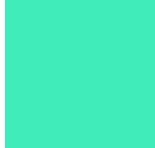
Protanomaly

78.0205, -43.2066, 42.9161



Deuteranomaly

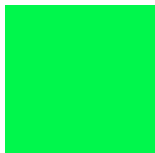
77.0483, -35.7210, 36.5671



Tritanomaly

80.7487, -50.0992, 14.7706

Monochromacy



Original Color

81.8800, -67.9370, 44.3136



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

63.3004, -35.2420, 19.9004

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.8800, -67.9370, 44.3136 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(0, 247, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 247, 76)  
}
```

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(0, 247, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 247, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 81.8800, -67.9370, 44.3136 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(0, 247, 76) }
```


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

```
.border{ border-color:rgb(0, 247, 76) }
```

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

Here you see how a box with a 4 pixel rgb(0, 247, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 247, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 247, 76);  
box-shadow:4px 4px 4px 4px rgb(0, 247, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 81.8800, -67.9370, 44.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 247, 76) }
```

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

```
.background{ background-color: rgb(0, 247,  
76) }
```

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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