

Converting Colors

HunterLab(82.9804, -69.7542,
46.8610)

Have a look what the booklet for
HunterLab(82.9804, -69.7542,
46.8610) contains.

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Color

**HunterLab(82.8839,
-69.6678, 46.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	00FA3C
RGB	0, 250, 60
RGB Percent	0%, 98%, 24%
CMY	1.0000, 0.0196, 0.7647
CMYK	1.00, 0.00, 0.76, 0.02
HSL	134°, 100%, 49%
HSV	134°, 100%, 98%
XYZ	35.0012, 68.6974, 15.6901
YIQ	153.5900, -88.0100, -112.0900

Conversions

Conversions Part 2

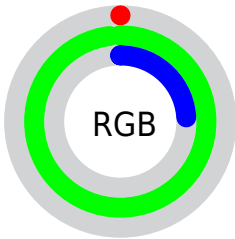
Format	Color
RYB	0, 202, 250
Decimal	64060
CIELab	86.36, -82.80, 71.62
CIELCh	86, 109.472, 139.140
Yxy	68.7002, 0.2932, 0.5754
Android (android.graphics.Color)	4278254140 (0xFF00FA3C)
YUV	153.5900, -46.1399, -134.6984
Hunter-Lab	82.8839, -69.6678, 46.7950

Details

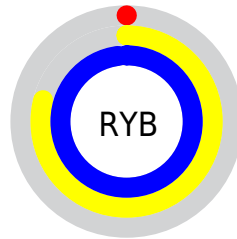
The HunterLab color **82.8839, -69.6678, 46.7950** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **49.0331, 91.5521, -27.0872**, and the grayscale version is **56.8878, -3.0354, 3.0908**.

A 20% lighter version of the original color is **87.5545, -58.4475, 40.8945**, and **61.3997, -52.6503, 36.9125** is the 20% darker color. If you saturate the color by 10%, you get **82.8856, -69.6689, 46.7954**, and if you desaturate by 10%, it is **83.1536, -68.2413, 44.7689**.

Distribution



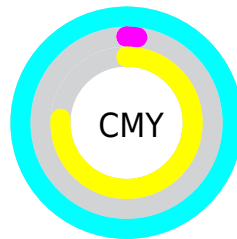
- Red (0%)
- Green (98%)
- Blue (24%)



- Red (0%)
- Yellow (79%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.8839, -69.6678, 46.7950 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 82.8839, -69.6678, 46.7950 by changing the saturation by 10% instead.

■ 82.8839, -69.6678,
46.7950

■ 82.8839, -69.6678,
46.7950

213.5353,
-109.4597, 83.0312

■ 71.0406, -64.4407,
42.0883

■ 108.3297,
-79.4679, 55.6781

■ 59.8206, -58.9344,
37.1728

■ 121.8781,
-84.1037, 59.8962

■ 49.2628, -53.0879,
32.0268

■ 135.9483,
-88.5961, 63.9893

■ 39.4116, -46.8176,
26.7145

■ 150.5219,
-92.9638, 67.9723

■ 30.3218, -40.0082,
21.2253

■ 165.5820,
-97.2221, 71.8577

■ 22.0636, -32.5273,
15.4445

181.1133,

■ 14.7310, -25.7793,

-101.3840, 75.6567

10.3117

197.1020,
-105.4601, 79.3784

■ 8.3880, -14.6790,
5.8716

0.0000, NaN, NaN

■ 82.8839, -69.6678,
46.7950

■ 82.8839, -69.6678,
46.7950

■ 82.8856, -69.6689,
46.7954

■ 83.1536, -68.2413,
44.7689

■ 83.6266, -65.8605,
42.1835

■ 84.3530, -62.3386,
39.0559

■ 85.3587, -57.6021,
35.4086

■ 86.6608, -51.6310,
31.2781

■ 88.2692, -44.4504,
26.7132

■ 90.1880, -36.1217,
21.7715

■ 92.4162, -26.7337,
16.5154

■ 94.9484, -16.3934,
11.0086

Harmonies

Analogous

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



82.8856, -36.0328, 54.2240



82.8839, -69.6678, 46.7950



82.8856, -84.2138, 21.1652

Triad

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



82.8856, -69.6689, 46.7953



82.8856, -23.2411, -164.9593



82.8856, 119.4573, 30.9711

Complementary

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



82.8839, -69.6678, 46.7950



49.0331, 91.5521, -27.0872

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.



82.8856, 125.4636, -16.5270



82.8839, -69.6678, 46.7950



82.8856, 32.7636, -155.4601

Square

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



82.8856, -69.6689, 46.7953



82.8856, -62.3934, -111.6597



82.8856, 90.5296, -90.6459



82.8856, 75.7723, 50.0159

Rectangle

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



82.8839, -69.6678, 46.7950



82.8856, -84.5252, -12.9167



82.8856, 90.5296, -90.6459



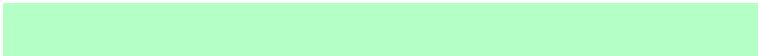
82.8856, 126.3081, 18.8225

Sweetspot

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



82.8856, -69.6689, 46.7953



92.2329, -36.9720, 22.2832



89.1837, -44.3050, 54.1789



42.2702, -18.8314, 11.3158

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.8856, -69.6689, 46.7953



84.7698, -71.2618, 47.8789



84.7389, -58.2009, 19.7227



44.0199, -7.3372, 4.9653



60.3804, -50.6427, 33.8527



18.4187, -15.1426, 9.6667

Inverse Universe

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



49.0331, 91.5521, -27.0872



50.1456, 93.6246, -27.6643



45.5259, 78.8458, 22.5853



41.7722, 2.9804, -0.3192



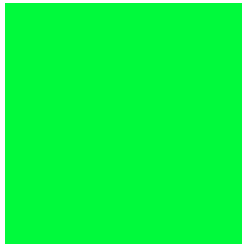
35.7436, 66.7947, -20.1801



10.9534, 20.5958, -7.1685

Previews

White Background



This preview shows how the HunterLab color 82.8839, -69.6678, 46.7950 looks on a white background.

Color Contrast Check

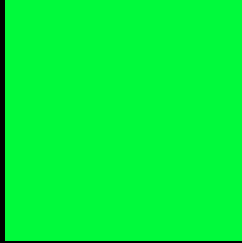
Large Text (above 18pt) WCAG AA × Fail

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 82.8839, -69.6678, 46.7950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

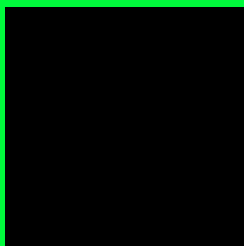
Any Text WCAG AA ✓ Pass

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 82.8839, -69.6678, 46.7950 Background



This preview shows how black text looks on a background with the HunterLab color 82.8839, -69.6678, 46.7950.



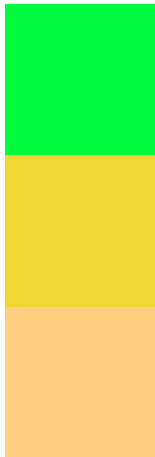
This preview shows how white text looks on a background with the HunterLab color 82.8839, -69.6678, 46.7950.

-69.6678, 46.7950.

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

82.8839, -69.6678, 46.7950

Protanopia

81.7664, -10.8436, 47.9232

Deuteranopia

81.8459, 3.4887, 35.4490



Tritanopia

82.5770, -31.4504, -15.7912

Trichromacy



Original Color

82.8839, -69.6678, 46.7950



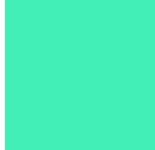
Protanomaly

78.7254, -44.1907, 45.1081



Deuteranomaly

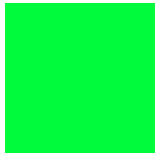
78.0534, -37.0673, 37.4989



Tritanomaly

81.4056, -51.3372, 17.0301

Monochromacy



Original Color

82.8839, -69.6678, 46.7950



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

63.5200, -36.3408, 21.9186

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.8839, -69.6678, 46.7950 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, 250, 60)` looks like.

```
.text, #text, p{  
    color:rgb(0, 250, 60)  
}
```

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, 250, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 250, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 82.8839, -69.6678, 46.7950 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, 250, 60) }
```


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

```
.border{ border-color:rgb(0, 250, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 250, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 250, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 250, 60);  
box-shadow:4px 4px 4px 4px rgb(0, 250, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 82.8839, -69.6678, 46.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 250, 60) }
```

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

```
.background{ background-color: rgb(0, 250,  
60) }
```

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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