

# Converting Colors

Hex(86FF69)

Have a look what the booklet for  
Hex(86FF69) contains.

|  |    |
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**Color**

**Hex(86FF69)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 86FF69                       |
| RGB         | 134, 255, 105                |
| RGB Percent | 53%, 100%, 41%               |
| CMY         | 0.4745, 0.0000, 0.5882       |
| CMYK        | 0.47, 0.00, 0.59, 0.00       |
| HSL         | 108°, 100%, 71%              |
| HSV         | 108°, 59%, 100%              |
| XYZ         | 48.1413, 77.6083, 25.8072    |
| YIQ         | 201.7210, -23.9660, -72.3020 |

# Conversions

## Conversions Part 2

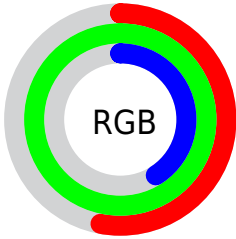
| <b>Format</b>  | <b>Color</b>                                     |
|--|--|
| <a href="#">RYB</a>                                  | <a href="#">105, 255, 226</a>                    |
| Decimal  | <a href="#">8847209</a>                          |
| <a href="#">CIELab</a>                               | <a href="#">90.60, -60.92, 60.02</a>             |
| <a href="#">CIELCh</a>                               | <a href="#">91, 85.524, 135.427</a>              |
| <a href="#">Yxy</a>                                  | <a href="#">77.6083, 0.3176,<br/>0.5121</a>      |
| <a href="#">Android<br/>(android.graphics.Color)</a> | <a href="#">4287037289<br/>(0xFF86FF69)</a>      |
| <a href="#">YUV</a>                                  | <a href="#">201.7210, -47.6835,<br/>-59.3913</a> |
| <a href="#">Hunter-Lab</a>                           | <a href="#">88.0955, -56.6228,<br/>44.2982</a>   |

# Details

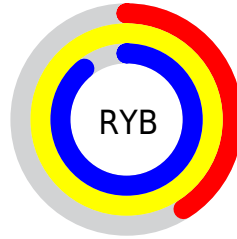
The Hex color **86FF69** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E269FF**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **C2FFA0**, and **47C531** is the 20% darker color. If you saturate the color by 10%, you get **71FF50**, and if you desaturate by 10%, it is **9BFF83**.

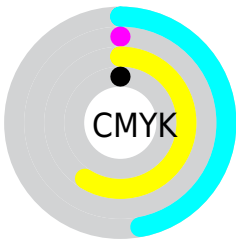
# Distribution



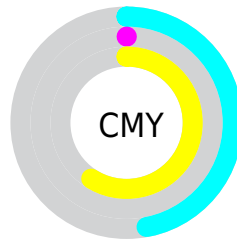
- Red (53%)
- Green (100%)
- Blue (41%)



- Red (41%)
- Yellow (100%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86FF69 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 Hex color 86FF69 by changing the saturation by 10% instead.



 86FF69

 86FF69

FFFFFF

 67E24D

 C2FFA0

 47C531

 E0FFBD

 1EA90B

 FFFFD9

 008E00

 FFFFF7

 007300


 005A00

 004100

 002900

 000400

 86FF69

 86FF69

 71FF50

 9BFF83

 5DFF36

 AFFF9C

 48FF1C

 C4FFB5

 34FF03

 D8FFCF

 31FF00

 EDFFE9

FFFFFF

# Harmonies

## Analogous

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



E6ED2D



86FF69



00FFB8

# Triad

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



86FF69



00F9FF



FF96BD

# Complementary

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



86FF69



E269FF

# 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.



FF9BFF



86FF69



93DFFF

# Square

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



86FF69



00FFFF



FFBBFF



FFB072

# Rectangle

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



86FF69



00FFF1



FFBBFF



FF94D9

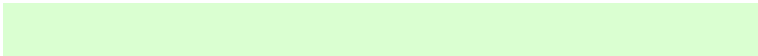


# Sweetspot

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



86FF69



DAFFD1



FFE169



698063



000000



808080



# Same Dimension

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



86FF69



6DFF4A



69FF96



758073



25BF00



0C4000



# Inverse Universe

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



E269FF



DC4AFF



FF69D2



7D7380



9A00BF

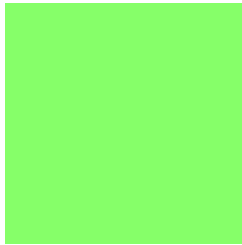


330040



# Previews

## White Background



This preview shows how the Hex color 86FF69 looks on a white background.

## Color Contrast Check

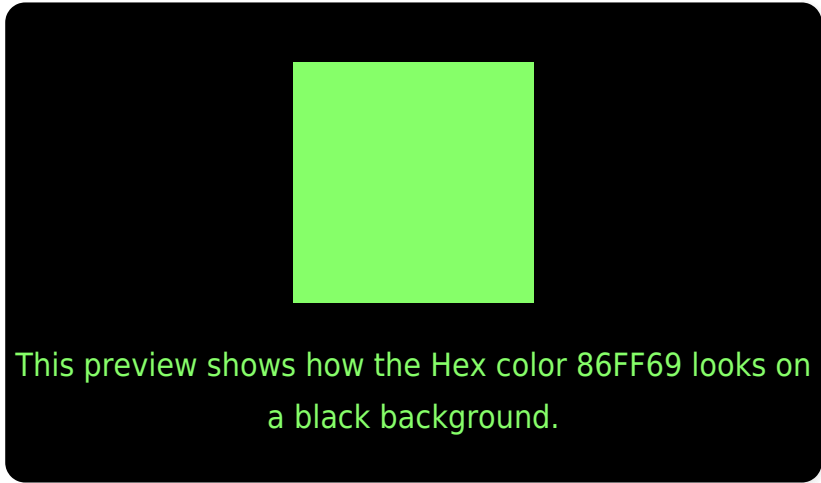
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

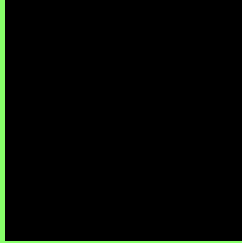
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

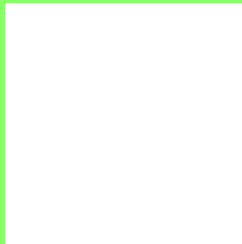
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86FF69 Background



This preview shows how black text looks on a background with the Hex color 86FF69.

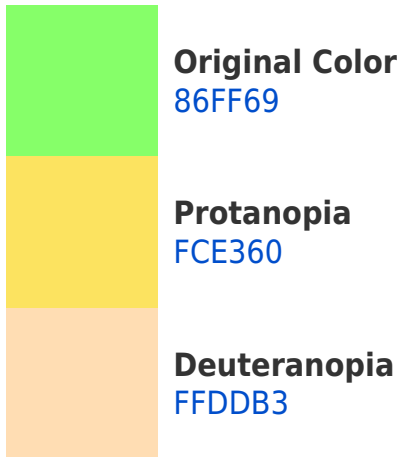


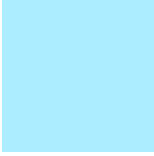
This preview shows how white text looks on a background with the Hex color 86FF69.

# 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

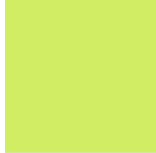




# Trichromacy



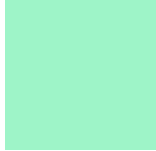
**Original Color**  
86FF69



**Protanomaly**  
D1ED63

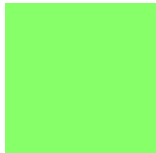


**Deuteranomaly**  
D3E998

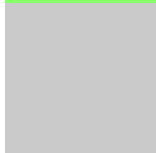


**Tritanomaly**  
9EF4C8

# Monochromacy



**Original Color**  
86FF69



**Achromatopsia**  
CACACA



**Achromatomaly**  
B1DDA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86FF69 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 #86FF69 looks like.

```
.text, #text, p{  
    color:#86FF69  
}
```

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 #86FF69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86FF69
}
```

## Border

The CSS property to change the border of an element to Hex 86FF69 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
#86FF69 }
```

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

```
.border{ border-color:#86FF69 }
```

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

Here you see how a box with a 4 pixel #86FF69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86FF69; -webkit-box-shadow:4px 4px  
4px 4px #86FF69; box-shadow:4px 4px 4px  
4px #86FF69 }
```

# Background

The CSS property to change the background color of an element to Hex 86FF69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86FF69 }
```

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

```
.background{ background-color:#86FF69 }
```

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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