

Converting Colors

Hex(87FF6C)

Have a look what the booklet for
Hex(87FF6C) contains.

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Color

Hex(87FF6C)

Conversions

Conversions Part 1

Format	Color
Hex	87FF6C
RGB	135, 255, 108
RGB Percent	53%, 100%, 42%
CMY	0.4706, 0.0000, 0.5765
CMYK	0.47, 0.00, 0.58, 0.00
HSL	109°, 100%, 71%
HSV	109°, 58%, 100%
XYZ	48.4584, 77.7536, 26.6413
YIQ	202.3620, -24.3330, -71.1570

Conversions

Conversions Part 2

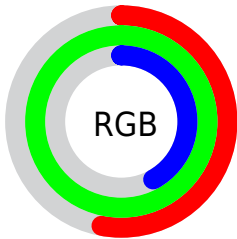
Format	Color
RYB	108, 255, 228
Decimal	8912748
CIELab	90.67, -60.34, 58.82
CIELCh	91, 84.262, 135.731
Yxy	77.7536, 0.3170, 0.5087
Android (android.graphics.Color)	4287102828 (0xFF87FF6C)
YUV	202.3620, -46.5205, -59.0765
Hunter-Lab	88.1780, -56.2164, 43.8113

Details

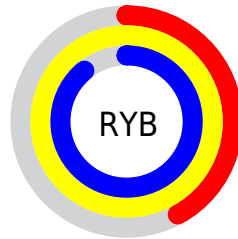
The Hex color **87FF6C** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E46CFF**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C3FFA3**, and **48C534** is the 20% darker color. If you saturate the color by 10%, you get **72FF53**, and if you desaturate by 10%, it is **9CFF86**.

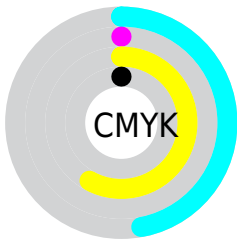
Distribution



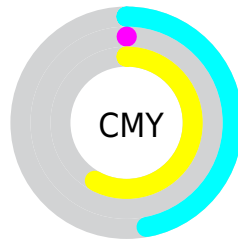
- Red (53%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87FF6C 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 87FF6C by changing the saturation by 10% instead.

 87FF6C

 87FF6C

FFFFFF

 69E251

 C3FFA3

 48C534

 E1FFC0

 21A912

 FFFFDC

 008E00

 FFFFFA

 007400

 005A00

 004100

 002A00

 000500

 87FF6C

 87FF6C

 72FF53

 9CFF86

 5DFF39

 B1FF9F

 49FF20

 C5FFB9

 34FF06

 DAFFD2

 2FFF00

 EFFFEC

FFFFFF

Harmonies

Analogous

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



E5ED33



87FF6C



00FFBA

Triad

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



87FF6C



00F8FF



FF99BD

Complementary

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



87FF6C



E46CFF

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.



FF9DFF



87FF6C



97DFFF

Square

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



87FF6C



00FFFF



FFBCFF



FFB173

Rectangle

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



87FF6C



00FFF2



FFBCFF



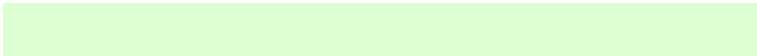
FF96D8

Sweetspot

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



87FF6C



DCFFD4



FFE26C



6B8066



000000



808080

Same Dimension

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



87FF6C



6FFF4F



6CFF98



758073



23BF00



0C4000

Inverse Universe

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



E46CFF



DF4FFF



FF6CD3



7D7380



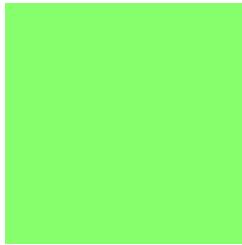
9C00BF



340040

Previews

White Background



This preview shows how the Hex color 87FF6C looks on a white background.

Color Contrast Check

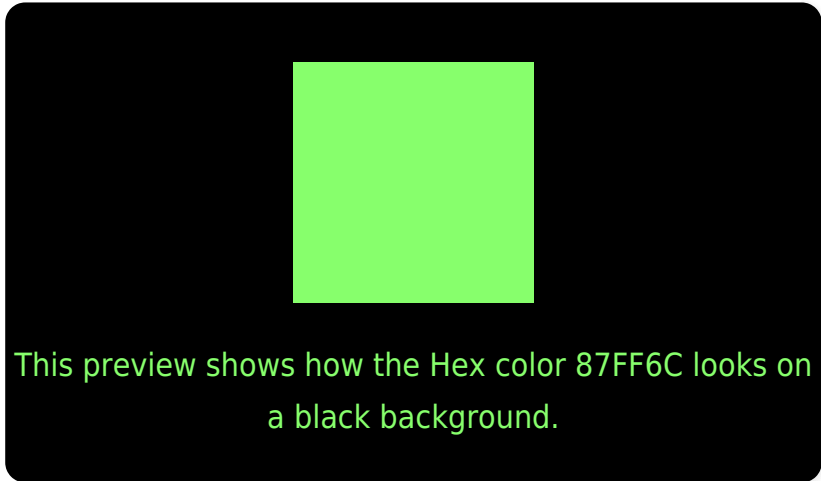
Large Text (above 18pt) WCAG AA × Fail

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

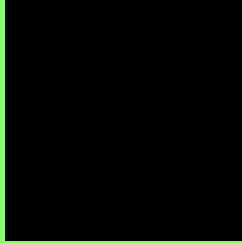
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

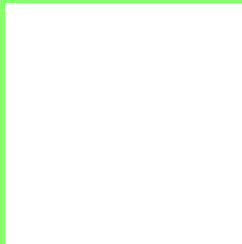
Any Text WCAG AAA ✓ Pass

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

Hex 87FF6C Background



This preview shows how black text looks on a background with the Hex color 87FF6C.

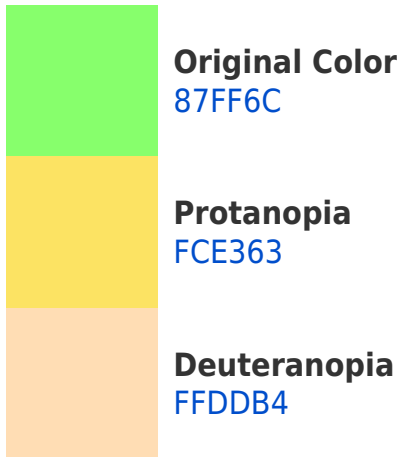


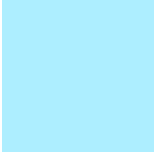
This preview shows how white text looks on a background with the Hex color 87FF6C.

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](#).

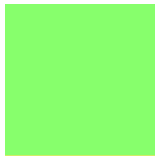
Dichromacy



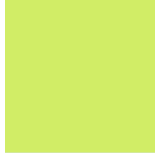


Tritanopia
ADEEFF

Trichromacy



Original Color
87FF6C



Protanomaly
D1ED66

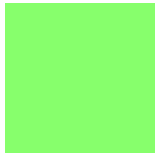


Deuteranomaly
D3E99A

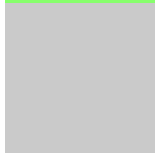


Tritanomaly
9FF4CA

Monochromacy



Original Color
87FF6C



Achromatopsia
CACACA



Achromatomaly
B2DDA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 87FF6C 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 #87FF6C looks like.

```
.text, #text, p{  
    color:#87FF6C  
}
```

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 #87FF6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87FF6C
}
```

Border

The CSS property to change the border of an element to Hex 87FF6C 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
#87FF6C }
```

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

```
.border{ border-color:#87FF6C }
```

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

Here you see how a box with a 4 pixel #87FF6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87FF6C; -webkit-box-shadow:4px 4px  
4px 4px #87FF6C; box-shadow:4px 4px 4px  
4px #87FF6C }
```

Background

The CSS property to change the background color of an element to Hex 87FF6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87FF6C }
```

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

```
.background{ background-color:#87FF6C }
```

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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