

Converting Colors

Hex(87F570)

Have a look what the booklet for
Hex(87F570) contains.

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Color

Hex(87F570)

Conversions

Conversions Part 1

Format	Color
Hex	87F570
RGB	135, 245, 112
RGB Percent	53%, 96%, 44%
CMY	0.4706, 0.0392, 0.5608
CMYK	0.45, 0.00, 0.54, 0.04
HSL	110°, 87%, 70%
HSV	110°, 54%, 96%
XYZ	45.5687, 71.6256, 26.7526
YIQ	196.9480, -22.8670, -64.6830

Conversions

Conversions Part 2

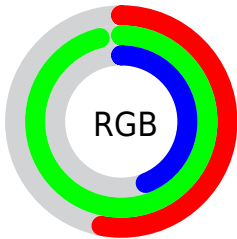
Format	Color
RYB	112, 245, 222
Decimal	8910192
CIELab	87.79, -56.03, 53.68
CIElCh	88, 77.594, 136.227
Yxy	71.6256, 0.3166, 0.4976
Android (android.graphics.Color)	4287100272 (0xFF87F570)
YUV	196.9480, -41.8794, -54.3284
Hunter-Lab	84.6319, -51.9953, 40.5004

Details

The Hex color **87F570** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **DE70F5**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **C2FFA7**, and **4BBC3A** is the 20% darker color. If you saturate the color by 10%, you get **73F557**, and if you desaturate by 10%, it is **9BF589**.

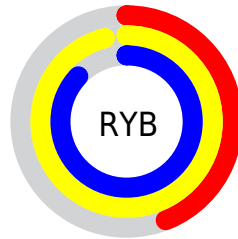
Distribution



Red (53%)

Green (96%)

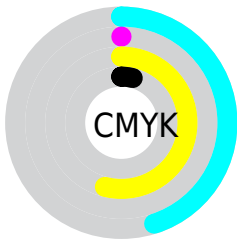
Blue (44%)



Red (44%)

Yellow (96%)

Blue (87%)

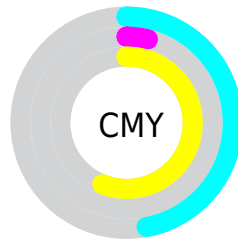


Cyan (45%)

Magenta (0%)

Yellow (54%)

Black (4%)



Cyan (47%)

Magenta (4%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87F570 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 87F570 by changing the saturation by 10% instead.

 87F570

 87F570

FFFFFF

 69D855

 C2FFA7

 4BBC3A

 E0FFC3

 27A01D

 FEFFDF

 008500

FFFFFFD

 006B00

 005200

 003900

 002200

 000000

 87F570

 87F570

 73F557

 9BF589

 5EF53F

 B0F5A1

 4AF526

 C4F5BA

 36F50E

 D8F5D2

 2AF500

 ECF5EB

 FFF5FF

Harmonies

Analogous

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



DDE53F



87F570



00FEB6

Triad

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



87F570



00EEFF



FF99B7

Complementary

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



87F570



DE70F5

Split Complementary

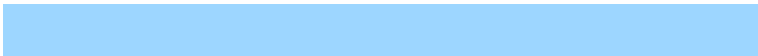
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9CFF



87F570



9DD6FF

Square

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



87F570



00FBFF



FFB7FF



FFAF74

Rectangle

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



87F570



00FFEA



FFB7FF



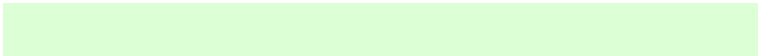
FF97D0

Sweetspot

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



87F570



DDFFD6



F5DD70



6B8067



000000



808080

Same Dimension

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



87F570



76FF59



70F59A



707A6E



20BA00



0A3B00

Inverse Universe

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



DE70F5



E259FF



F570CB



786E7A



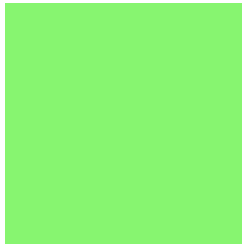
9A00BA



31003B

Previews

White Background



This preview shows how the Hex color 87F570 looks on a white background.

Color Contrast Check

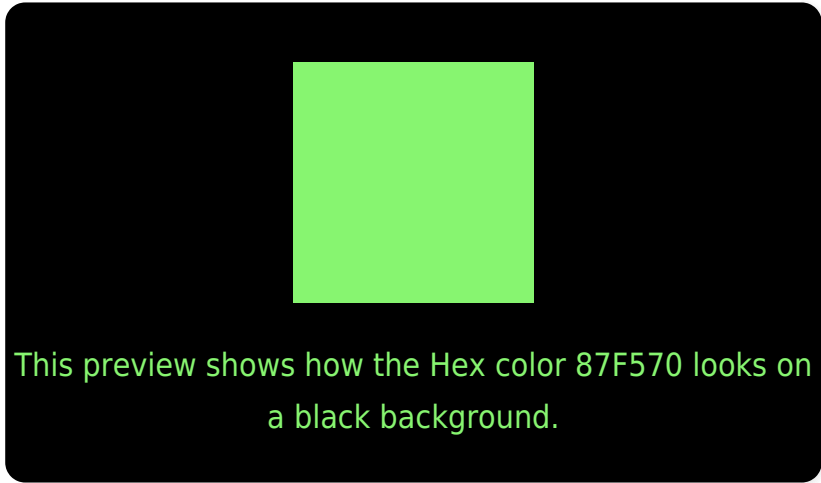
Large Text (above 18pt) WCAG AA × Fail

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

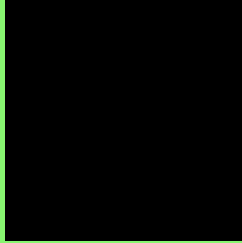
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

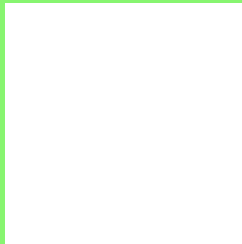
Any Text WCAG AAA ✓ Pass

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

Hex 87F570 Background



This preview shows how black text looks on a background with the Hex color 87F570.

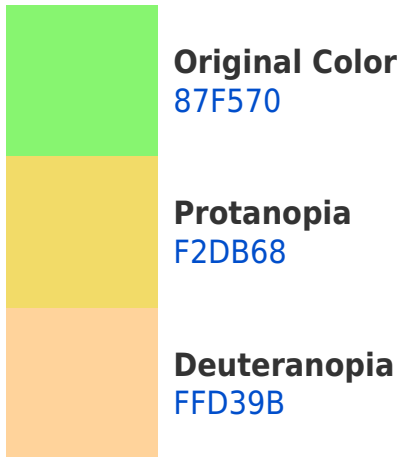


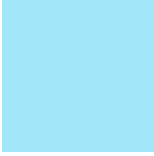
This preview shows how white text looks on a background with the Hex color 87F570.

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



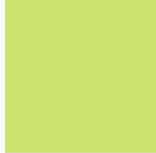


Tritanopia
A1E6F9

Trichromacy



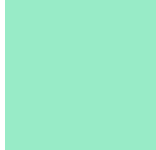
Original Color
87F570



Protanomaly
CBE46B

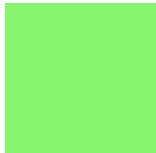


Deuteranomaly
D3DF8B

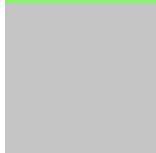


Tritanomaly
98EBC7

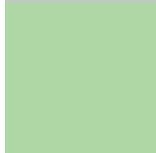
Monochromacy



Original Color
87F570



Achromatopsia
C5C5C5



Achromatomaly
AED6A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 87F570 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 #87F570 looks like.

```
.text, #text, p{  
    color:#87F570  
}
```

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 #87F570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87F570
}
```

Border

The CSS property to change the border of an element to Hex 87F570 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
#87F570 }
```

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

```
.border{ border-color:#87F570 }
```

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

Here you see how a box with a 4 pixel #87F570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87F570; -webkit-box-shadow:4px 4px  
4px 4px #87F570; box-shadow:4px 4px 4px  
4px #87F570 }
```

Background

The CSS property to change the background color of an element to Hex 87F570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87F570 }
```

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

```
.background{ background-color:#87F570 }
```

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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