

Converting Colors

Hex(86FC74)

Have a look what the booklet for
Hex(86FC74) contains.

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Color

Hex(86FC74)

Conversions

Conversions Part 1

Format	Color
Hex	86FC74
RGB	134, 252, 116
RGB Percent	53%, 99%, 45%
CMY	0.4745, 0.0118, 0.5451
CMYK	0.47, 0.00, 0.54, 0.01
HSL	112°, 96%, 72%
HSV	112°, 54%, 99%
XYZ	47.7943, 75.9501, 28.6638
YIQ	201.2140, -26.6720, -67.3120

Conversions

Conversions Part 2

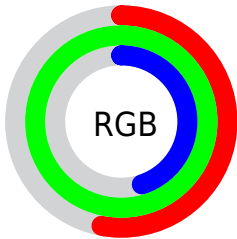
Format	Color
RYB	116, 252, 234
Decimal	8846452
CIELab	89.84, -58.59, 54.30
CIELCh	90, 79.878, 137.177
Yxy	75.9501, 0.3136, 0.4983
Android (android.graphics.Color)	4287036532 (0xFF86FC74)
YUV	201.2140, -42.0105, -58.9467
Hunter-Lab	87.1494, -54.6187, 41.5038

Details

The Hex color **86FC74** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **EA74FC**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **C1FFAB**, and **48C23E** is the 20% darker color. If you saturate the color by 10%, you get **70FC5B**, and if you desaturate by 10%, it is **9CFC8D**.

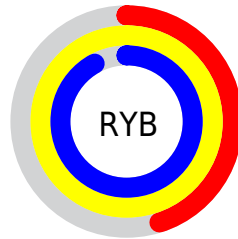
Distribution



Red (53%)

Green (99%)

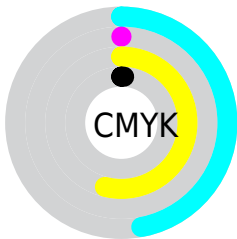
Blue (45%)



Red (45%)

Yellow (99%)

Blue (92%)

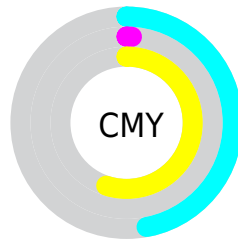


Cyan (47%)

Magenta (0%)

Yellow (54%)

Black (1%)



Cyan (47%)

Magenta (1%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86FC74 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 86FC74 by changing the saturation by 10% instead.

 86FC74

FFFFFF

 C1FFAB

 DFFFC7

 FEFFE4

 86FC74

 68DF59

 48C23E

 22A721

 008B00

 007100

 005700

 003F00

 002700

 000000

 86FC74

 86FC74

 70FC5B

 9CFC8D

 5AFC42

 B2FCA6

 44FC28

 C8FCC0

 2FFC0F

 DDFCD9

 21FC00

 F3FCF2

 FFFCFF

Harmonies

Analogous

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



E0EC40



86FC74



00FFBD

Triad

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



86FC74



00F4FF



FF9DB9

Complementary

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



86FC74



EA74FC

Split Complementary

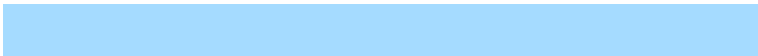
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9FFF



86FC74



A5DBFF

Square

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



86FC74



00FFFF



FFBBFF



FFB474

Rectangle

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



86FC74



00FFF3



FFBBFF



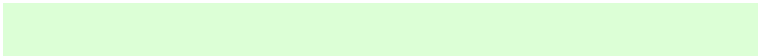
FF9AD3

Sweetspot

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



86FC74



DCFFD6



FCEA74



6A8067



000000



808080

Same Dimension

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



86FC74



6FFF59



74FCA6



727D70



19BD00



083D00

Inverse Universe

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



EA74FC



E959FF



FC74CA



7B707D



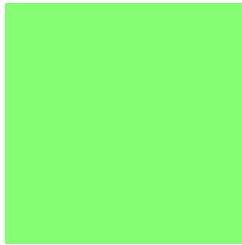
A400BD



35003D

Previews

White Background



This preview shows how the Hex color 86FC74 looks on a white background.

Color Contrast Check

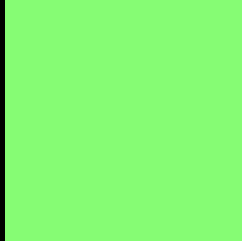
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 86FC74 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

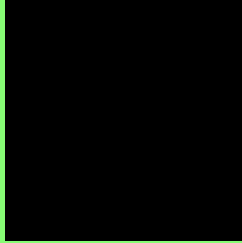
Any Text WCAG AA ✓ Pass

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](#).

Hex 86FC74 Background



This preview shows how black text looks on a background with the Hex color 86FC74.

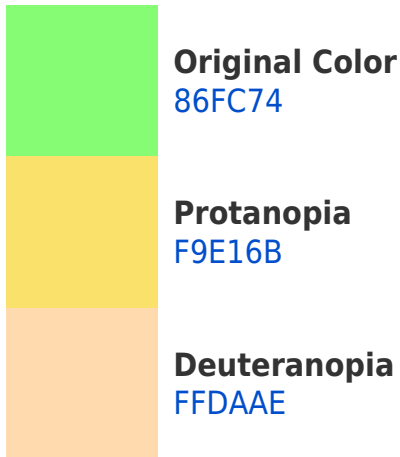


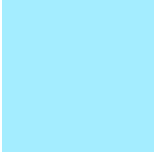
This preview shows how white text looks on a background with the Hex color 86FC74.

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



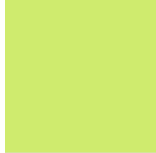


Tritanopia
A4EDFF

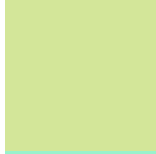
Trichromacy



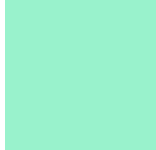
Original Color
86FC74



Protanomaly
CFEB6E

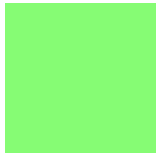


Deuteranomaly
D3E699

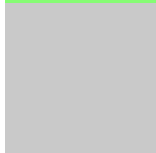


Tritanomaly
99F2CC

Monochromacy



Original Color
86FC74



Achromatopsia
C9C9C9



Achromatomaly
B1DCAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 86FC74 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 #86FC74 looks like.

```
.text, #text, p{  
    color:#86FC74  
}
```

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 #86FC74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86FC74  
}
```

Border

The CSS property to change the border of an element to Hex 86FC74 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  
#86FC74 }
```

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

```
.border{ border-color:#86FC74 }
```

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

Here you see how a box with a 4 pixel #86FC74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86FC74; -webkit-box-shadow:4px 4px  
4px 4px #86FC74; box-shadow:4px 4px 4px  
4px #86FC74 }
```

Background

The CSS property to change the background color of an element to Hex 86FC74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86FC74 }
```

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

```
.background{ background-color:#86FC74 }
```

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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