

Converting Colors

Hex(86FF7E)

Have a look what the booklet for
Hex(86FF7E) contains.

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Color

Hex(86FF7E)

Conversions

Conversions Part 1	
Format	Color
Hex	86FF7E
RGB	134, 255, 126
RGB Percent	53%, 100%, 49%
CMY	0.4745, 0.0000, 0.5059
CMYK	0.47, 0.00, 0.51, 0.00
HSL	116°, 100%, 75%
HSV	116°, 51%, 100%
XYZ	49.3574, 78.0947, 32.2110
YIQ	204.1150, -30.7070, -65.7710

Conversions

Conversions Part 2

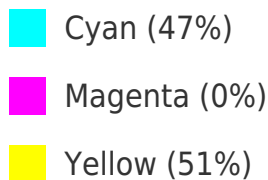
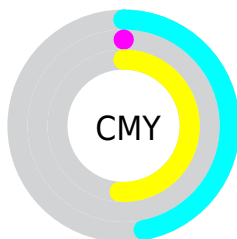
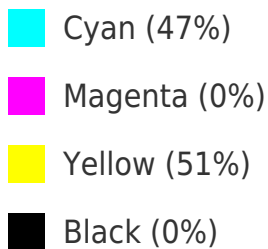
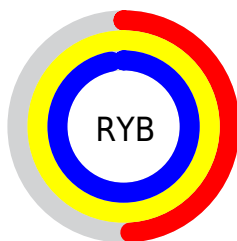
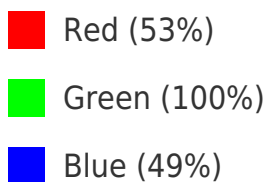
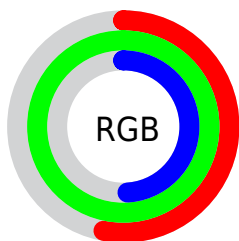
Format	Color
RYB	126, 255, 247
Decimal	8847230
CIELab	90.82, -58.55, 50.91
CIELCh	91, 77.594, 138.992
Yxy	78.0947, 0.3091, 0.4891
Android (android.graphics.Color)	4287037310 (0xFF86FF7E)
YUV	204.1150, -38.5107, -61.4909
Hunter-Lab	88.3712, -54.9531, 40.2488

Details

The Hex color **86FF7E** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **F77EFF**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **C1FFB5**, and **48C549** is the 20% darker color. If you saturate the color by 10%, you get **6EFF65**, and if you desaturate by 10%, it is **9EFF98**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 86FF7E 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 86FF7E by changing the saturation by 10% instead.

 86FF7E

FFFFFF

 C1FFB5

 DFFFD1

 FEFEE

 86FF7E

 68E263

 48C549

 22A92E

 008E0E

 007400

 005A00

 004100

 002A00

 000600

 86FF7E

 86FF7E

 6EFF65

 9EFF98

 56FF4B

 B6FFB1

 3EFF31

 CEFFCB

 26FF18

 E6FFE4

 10FF00

FEFFFE

FFFFFF

Harmonies

Analogous

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



DFEF4C



86FF7E



00FFC6

Triad

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



86FF7E



00F5FF



FFA3B9

Complementary

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



86FF7E



F77EFF

Split Complementary

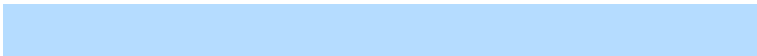
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA4FF



86FF7E



B5DCFF

Square

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



86FF7E



00FFFF



FFBDFD



FFBA76

Rectangle

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



86FF7E



00FFFA



FFBDFF



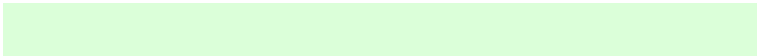
FFA0D1

Sweetspot

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



86FF7E



DBFFD9



FFF67E



6A8069



000000



808080

Same Dimension

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



86FF7E



6DFF63



7EFFB6



748073



0CBF00



044000

Inverse Universe

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



F77EFF



F563FF



FF7EC7



7F7380



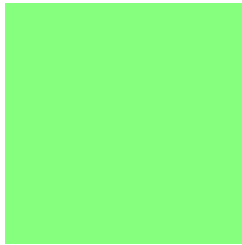
B300BF



3C0040

Previews

White Background



This preview shows how the Hex color 86FF7E looks on a white background.

Color Contrast Check

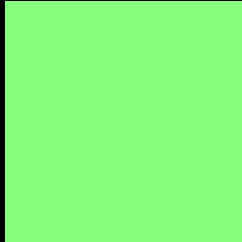
Large Text (above 18pt) WCAG AA × Fail

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 86FF7E 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 86FF7E Background



This preview shows how black text looks on a background with the Hex color 86FF7E.

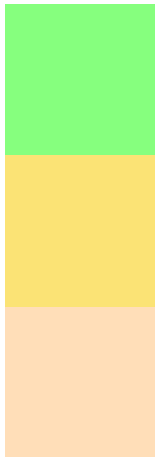


This preview shows how white text looks on a background with the Hex color 86FF7E.

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](#).

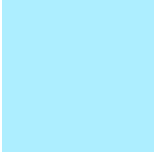
Dichromacy



Original Color
86FF7E

Protanopia
FBE375

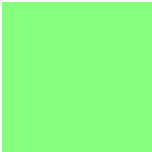
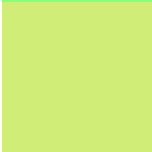
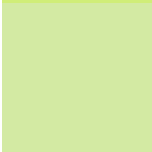
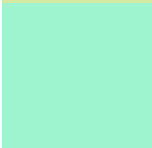
Deuteranopia
FFDEB8



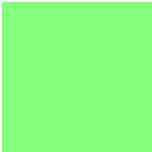
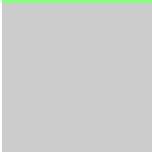

Tritanopia

ADEEFF

Trichromacy

	Original Color 86FF7E
	Protanomaly D0ED78
	Deuteranomaly D3EAA3
	Tritanomaly 9FF4D0

Monochromacy

	Original Color 86FF7E
	Achromatopsia CCCCCC
	Achromatomaly B3DFB0

CSS Examples

Text

The CSS property to change the color of the text to Hex 86FF7E 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 #86FF7E looks like.

```
.text, #text, p{  
    color:#86FF7E  
}
```

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 #86FF7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86FF7E
}
```

Border

The CSS property to change the border of an element to Hex 86FF7E 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
#86FF7E }
```

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

```
.border{ border-color:#86FF7E }
```

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

Here you see how a box with a 4 pixel #86FF7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86FF7E; -webkit-box-shadow:4px 4px  
4px 4px #86FF7E; box-shadow:4px 4px 4px  
4px #86FF7E }
```

Background

The CSS property to change the background color of an element to Hex 86FF7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86FF7E }
```

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

```
.background{ background-color:#86FF7E }
```

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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