

Converting Colors

Hex(87FCA4)

Have a look what the booklet for
Hex(87FCA4) contains.

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Color

Hex(87FCA4)

Conversions

Conversions Part 1

Format	Color
Hex	87FCA4
RGB	135, 252, 164
RGB Percent	53%, 99%, 64%
CMY	0.4706, 0.0118, 0.3569
CMYK	0.46, 0.00, 0.35, 0.01
HSL	135°, 95%, 76%
HSV	135°, 46%, 99%
XYZ	51.5029, 77.4520, 47.3572
YIQ	206.9850, -41.4840, -52.1720

Conversions

Conversions Part 2

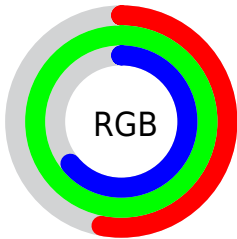
Format	Color
RYB	135, 229, 252
Decimal	8912036
CIELab	90.53, -51.55, 32.14
CIElCh	91, 60.745, 148.057
Yxy	77.4520, 0.2921, 0.4393
Android (android.graphics.Color)	4287102116 (0xFF87FCA4)
YUV	206.9850, -21.1916, -63.1308
Hunter-Lab	88.0068, -49.5511, 29.7003

Details

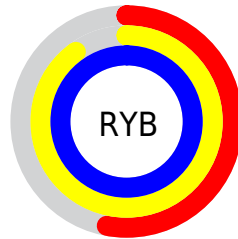
The Hex color **87FCA4** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FC87DF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **C1FFDC**, and **4CC36F** is the 20% darker color. If you saturate the color by 10%, you get **6EFC91**, and if you desaturate by 10%, it is **A0FCB7**.

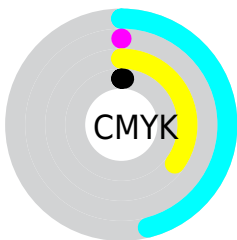
Distribution



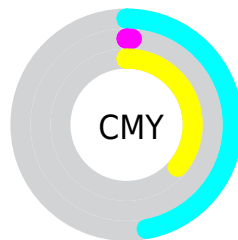
- Red (53%)
- Green (99%)
- Blue (64%)



- Red (53%)
- Yellow (90%)
- Blue (99%)



- Cyan (46%)
- Magenta (0%)
- Yellow (35%)
- Black (1%)



- Cyan (47%)
- Magenta (1%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87FCA4 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 87FCA4 by changing the saturation by 10% instead.

 87FCA4

 87FCA4

FFFFFF

 6ADF89

 C1FFDC

 4CC36F

 DFFFF8

 29A756

FDFFFF

 008C3E

 007126

 00580E

 003F00

 002900

 000400

 87FCA4

 87FCA4

 6EFC91

 A0FCB7

 55FC7E

 B9FCCA

 3BFC6B

 D3FCDD

 22FC58

 ECFCF0

 09FC45

 FFFCFF

 00FC3E

Harmonies

Analogous

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



D0F179



87FCA4



00FFDE

Triad

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



87FCA4



73EBFF



FFB8B0

Complementary

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



87FCA4



FC87DF

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.



FFB4EA



87FCA4



E2D6FF

Square

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



87FCA4



00FAFF



FFC0FF



FFCA82

Rectangle

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



87FCA4



00FFFF



FFC0FF



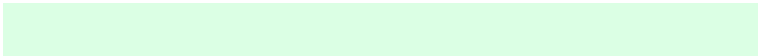
FFB5C3

Sweetspot

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



87FCA4



DBFFE4



E1FC87



6A806F



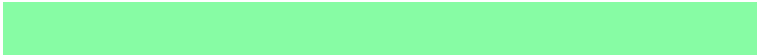
000000



808080

Same Dimension

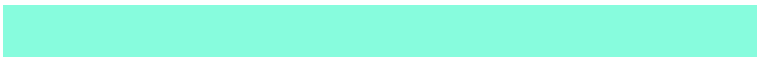
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87FCA4



70FF94



87FCDD



707D74



00BD2F



003D0F

Inverse Universe

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



FC87DF



FF70DC



FC87A6



7D707A



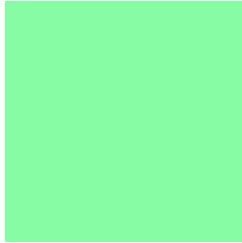
BD008E



3D002E

Previews

White Background



This preview shows how the Hex color 87FCA4 looks on a white background.

Color Contrast Check

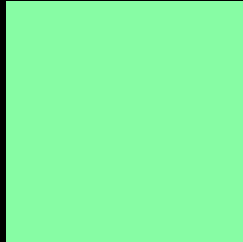
Large Text (above 18pt) WCAG AA × Fail

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 87FCA4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

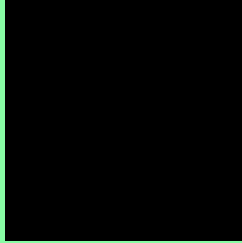
Any Text WCAG AA ✓ Pass

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 87FCA4 Background



This preview shows how black text looks on a background with the Hex color 87FCA4.

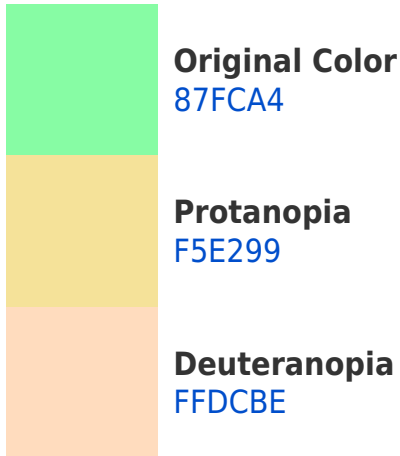


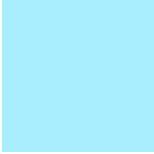
This preview shows how white text looks on a background with the Hex color 87FCA4.

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



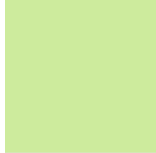


Tritanopia
A9EEFF

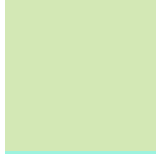
Trichromacy



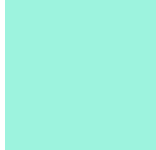
Original Color
87FCA4



Protanomaly
CDEB9D

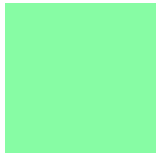


Deuteranomaly
D3E8B5

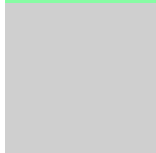


Tritanomaly
9DF3DE

Monochromacy



Original Color
87FCA4



Achromatopsia
CFCFCF



Achromatomaly
B5DFBF

CSS Examples

Text

The CSS property to change the color of the text to Hex 87FCA4 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 #87FCA4 looks like.

```
.text, #text, p{  
    color:#87FCA4  
}
```

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 #87FCA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87FCA4
}
```

Border

The CSS property to change the border of an element to Hex 87FCA4 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
#87FCA4 }
```

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

```
.border{ border-color:#87FCA4 }
```

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

Here you see how a box with a 4 pixel #87FCA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87FCA4; -webkit-box-shadow:4px 4px  
4px 4px #87FCA4; box-shadow:4px 4px 4px  
4px #87FCA4 }
```

Background

The CSS property to change the background color of an element to Hex 87FCA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87FCA4 }
```

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

```
.background{ background-color:#87FCA4 }
```

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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