

Converting Colors

Hex(67F6AD)

Have a look what the booklet for
Hex(67F6AD) contains.

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Color

Hex(67F6AD)

Conversions

Conversions Part 1

Format	Color
Hex	67F6AD
RGB	103, 246, 173
RGB Percent	40%, 96%, 68%
CMY	0.5961, 0.0353, 0.3216
CMYK	0.58, 0.00, 0.30, 0.04
HSL	149°, 89%, 68%
HSV	149°, 58%, 96%
XYZ	46.0921, 71.8122, 50.9670
YIQ	194.9210, -61.7950, -53.0190

Conversions

Conversions Part 2

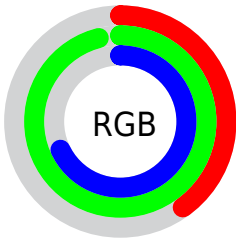
Format	Color
RYB	103, 199, 246
Decimal	6813357
CIELab	87.88, -54.93, 23.81
CIElCh	88, 59.865, 156.562
Yxy	71.8122, 0.2729, 0.4252
Android (android.graphics.Color)	4285003437 (0xFF67F6AD)
YUV	194.9210, -10.8071, -80.6147
Hunter-Lab	84.7421, -51.2107, 23.6603

Details

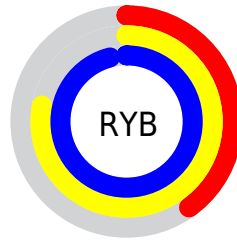
The Hex color **67F6AD** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F667B0**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **A4FFE5**, and **19BD78** is the 20% darker color. If you saturate the color by 10%, you get **4EF6A0**, and if you desaturate by 10%, it is **80F6BA**.

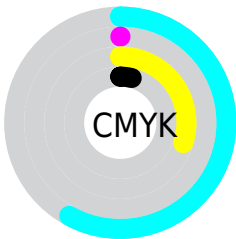
Distribution



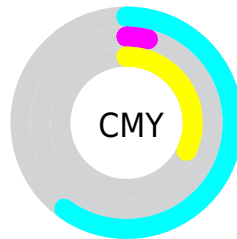
- Red (40%)
- Green (96%)
- Blue (68%)



- Red (40%)
- Yellow (78%)
- Blue (96%)



- Cyan (58%)
- Magenta (0%)
- Yellow (30%)
- Black (4%)



- Cyan (60%)
- Magenta (4%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67F6AD 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 67F6AD by changing the saturation by 10% instead.

 67F6AD

 67F6AD

FFFFFF

 46D992

 A4FFE5

 19BD78

 C2FFFF

 00A15F

 E1FFFF

 008647

 006C30

 00521A

 003A01

 002200

 000000

 67F6AD

 67F6AD

 4EF6A0

 80F6BA

 36F694

 98F6C6

 1DF687

 B1F6D3

 05F67B

 C9F6DF

 00F678

 E2F6EC

 FBF6F8

 FFF6FF

Harmonies

Analogous

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



B6ED7D



67F6AD



00FAE8

Triad

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



67F6AD



92DEFF



FFB69B

Complementary

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



67F6AD



F667B0

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.



FFACD2



67F6AD



F2C9FF

Square

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



67F6AD



00EEFF



FFB4FF



FFC974

Rectangle

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



67F6AD



00F9FF



FFB4FF



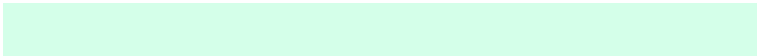
FFB1AD

Sweetspot

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



67F6AD



D4FFE9



B1F667



668072



000000



808080

Same Dimension

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



67F6AD



4DFFA4



67F6F4



6E7A74



00BA5B



003B1D

Inverse Universe

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



F667B0



FF4DA8



F66769



7A6E74



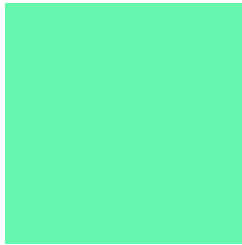
BA005F



3B001E

Previews

White Background



This preview shows how the Hex color 67F6AD 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 67F6AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

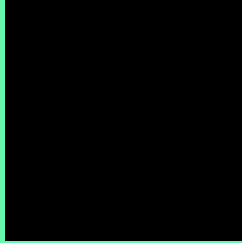
Any Text WCAG AA ✓ Pass

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 67F6AD Background



This preview shows how black text looks on a background with the Hex color 67F6AD.

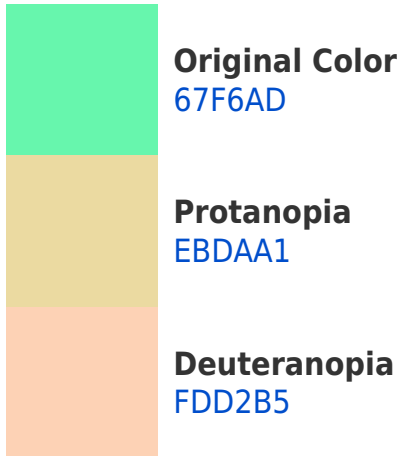


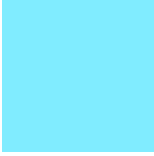
This preview shows how white text looks on a background with the Hex color 67F6AD.

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
80ECFF

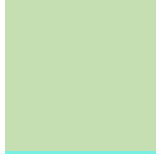
Trichromacy



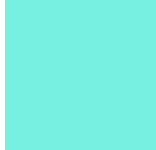
Original Color
67F6AD



Protanomaly
BBE4A5

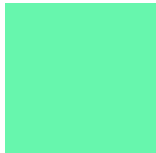


Deuteranomaly
C6DFB2

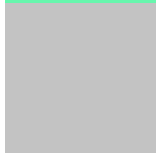


Tritanomaly
77F0E1

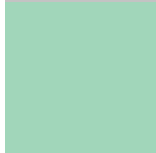
Monochromacy



Original Color
67F6AD



Achromatopsia
C3C3C3



Achromatomaly
A2D6BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 67F6AD 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 #67F6AD looks like.

```
.text, #text, p{  
    color:#67F6AD  
}
```

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 #67F6AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67F6AD
}
```

Border

The CSS property to change the border of an element to Hex 67F6AD 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
#67F6AD }
```

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

```
.border{ border-color:#67F6AD }
```

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

Here you see how a box with a 4 pixel #67F6AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67F6AD; -webkit-box-shadow:4px 4px  
4px 4px #67F6AD; box-shadow:4px 4px 4px  
4px #67F6AD }
```

Background

The CSS property to change the background color of an element to Hex 67F6AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67F6AD }
```

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

```
.background{ background-color:#67F6AD }
```

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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