

# Converting Colors

Hex(06F98E)

Have a look what the booklet for  
Hex(06F98E) contains.

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**Color**

**Hex(06F98E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	06F98E
RGB	6, 249, 142
RGB Percent	2%, 98%, 56%
CMY	0.9765, 0.0235, 0.4431
CMYK	0.98, 0.00, 0.43, 0.02
HSL	154°, 95%, 50%
HSV	154°, 98%, 98%
XYZ	38.8333, 69.7431, 37.0062
YIQ	164.1450, -110.4810, -84.7930

# Conversions

## Conversions Part 2

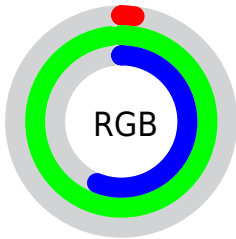
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 162, 249
Decimal	457102
CIELab	86.87, -72.39, 37.79
CIELCh	87, 81.663, 152.435
Yxy	69.7431, 0.2667, 0.4791
Android (android.graphics.Color)	4278647182 (0xFF06F98E)
YUV	164.1450, -10.9175, -138.6932
Hunter-Lab	83.5123, -63.1440, 32.1859

# Details

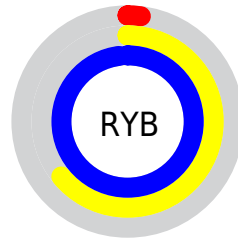
The Hex color **06F98E** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **F90671**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **73FFC5**, and **00BF5A** is the 20% darker color. If you saturate the color by 10%, you get **00F98B**, and if you desaturate by 10%, it is **1FF999**.

# Distribution



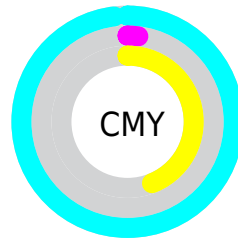
- Red (2%)
- Green (98%)
- Blue (56%)



- Red (2%)
- Yellow (64%)
- Blue (98%)



- Cyan (98%)
- Magenta (0%)
- Yellow (43%)
- Black (2%)



- Cyan (98%)
- Magenta (2%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06F98E 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 06F98E by changing the saturation by 10% instead.



 06F98E

 06F98E

FFFFFF

 00DC74

 73FFC5

 00BF5A

 95FFE1

 00A341

 B6FFFE

 008728

 D6FFFF

 006C0D

 F6FFFF

 005200

 003A00

 002000

 000000

 06F98E

 06F98E

 00F98B

 1FF999

 38F9A4

 51F9AF

 6AF9BA

 83F9C5

 9BF9D0

 B4F9DB

 CDF9E6

 E6F9F1

# Harmonies

## Analogous

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



ACED4A



06F98E



00FEDE

# Triad

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



06F98E



00E0FF



FF9C8B

# Complementary

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



06F98E



F90671

# 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.



FF8ED6



06F98E



E2C2FF

# Square

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



06F98E



00F4FF



FFA0FF



FFBA4B

# Rectangle

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



06F98E



00FEFF



FFA0FF



FF94A3

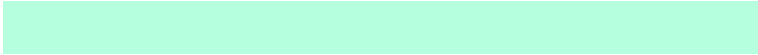


# Sweetspot

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



06F98E



B5FFDE



73F906



53806C



000000



808080



# Same Dimension

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



06F98E



00FF8F



06EDF9



707D77



00BD6A



003D22



# Inverse Universe

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



F90671



FF0070



F91206



7D7076



BD0053

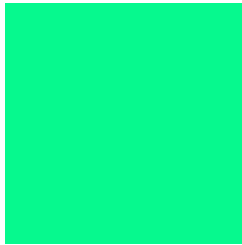


3D001B



# Previews

## White Background



This preview shows how the Hex color 06F98E looks on a white background.

## Color Contrast Check

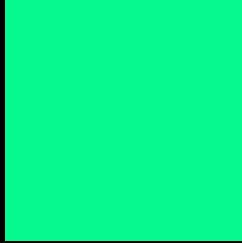
Large Text (above 18pt) WCAG AA × Fail

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 06F98E 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 06F98E Background



This preview shows how black text looks on a background with the Hex color 06F98E.

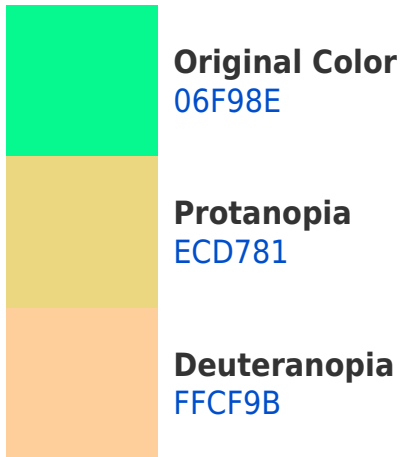


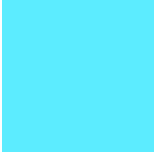
This preview shows how white text looks on a background with the Hex color 06F98E.

# 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](#).

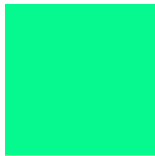
## Dichromacy





**Tritanopia**  
5CECF

# Trichromacy



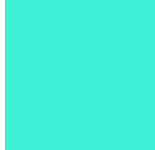
**Original Color**  
06F98E



**Protanomaly**  
98E386



**Deuteranomaly**  
A4DE96



**Tritanomaly**  
3DF1D6

# Monochromacy



**Original Color**  
06F98E



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
6BC39C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06F98E 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 #06F98E looks like.

```
.text, #text, p{  
    color:#06F98E  
}
```

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 #06F98E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06F98E
}
```

## Border

The CSS property to change the border of an element to Hex 06F98E 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
#06F98E }
```

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

```
.border{ border-color:#06F98E }
```

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

Here you see how a box with a 4 pixel #06F98E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06F98E; -webkit-box-shadow:4px 4px  
4px 4px #06F98E; box-shadow:4px 4px 4px  
4px #06F98E }
```

# Background

The CSS property to change the background color of an element to Hex 06F98E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06F98E }
```

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

```
.background{ background-color:#06F98E }
```

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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