

# Converting Colors

Hex(00F5A7)

Have a look what the booklet for  
Hex(00F5A7) contains.

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# Color

Hex(00F5A7)

# Conversions

## Conversions Part 1

Format	Color
Hex	00F5A7
RGB	0, 245, 167
RGB Percent	0%, 96%, 65%
CMY	1.0000, 0.0392, 0.3451
CMYK	1.00, 0.00, 0.32, 0.04
HSL	161°, 100%, 48%
HSV	161°, 100%, 96%
XYZ	39.6275, 68.0948, 47.6143
YIQ	162.8530, -120.9820, -76.1980

# Conversions

## Conversions Part 2

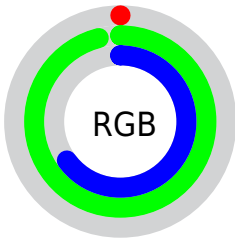
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 146, 245
Decimal	62887
CIELab	86.05, -66.36, 24.15
CIELCh	86, 70.617, 160.003
Yxy	68.0948, 0.2551, 0.4384
Android (android.graphics.Color)	4278252967 (0xFF00F5A7)
YUV	162.8530, 2.0445, -142.8221
Hunter-Lab	82.5196, -58.6902, 23.5531

# Details

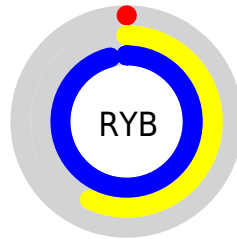
The Hex color **00F5A7** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **F5004E**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **71FFDE**, and **00BB73** is the 20% darker color. If you saturate the color by 10%, you get **00F5A7**, and if you desaturate by 10%, it is **18F5AF**.

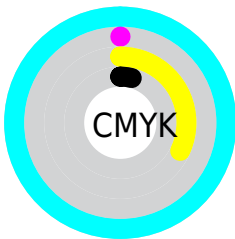
# Distribution



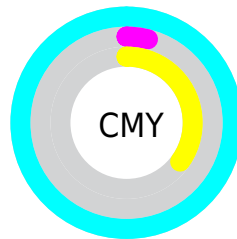
- Red (0%)
- Green (96%)
- Blue (65%)



- Red (0%)
- Yellow (57%)
- Blue (96%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (4%)



- Cyan (100%)
- Magenta (4%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00F5A7 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 00F5A7 by changing the saturation by 10% instead.



 00F5A7


 00F5A7

FFFFFF

 00D88C

 71FFDE

 00BB73

 93FFFB

 009F5A

 B4FFFF

 008442

 D4FFFF

 00692B

 F4FFFF

 004F14

 003800

 001D00

 000000

 00F5A7

 18F5AF

 31F5B7

 4AF5BE

 62F5C6

 7BF5CE

 93F5D6

 ABF5DE

 C4F5E5

 DDF5ED

# Harmonies

## Analogous

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



9EEC6B



00F5A7



00F8EC

# Triad

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



00F5A7



83D7FF



FFAA84

# Complementary

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



00F5A7



F5004E

# 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.



FF9BC3



00F5A7



F9BCFF

# Square

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



00F5A7



00EBFF



FFA3FF



FFC356

# Rectangle

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



00F5A7



00F7FF



FFA3FF



FFA398

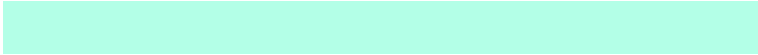


# Sweetspot

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



00F5A7



B3FFE7



52F500



528071



000000



808080



# Same Dimension

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



00F5A7



00FFAE



00CCF5



6E7A77



00BA7F



003B28



# Inverse Universe

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



F5004E



FF0051



F52900



7A6E72



BA003B

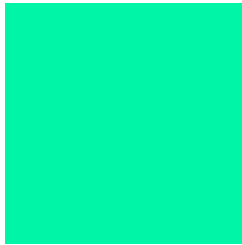


3B0013



# Previews

## White Background



This preview shows how the Hex color 00F5A7 looks on a white background.

## Color Contrast Check

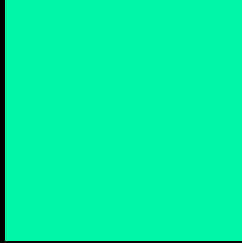
Large Text (above 18pt) WCAG AA × Fail

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 00F5A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

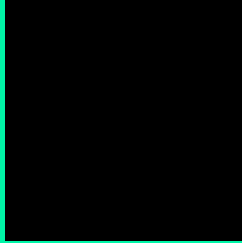
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00F5A7 Background



This preview shows how black text looks on a background with the Hex color 00F5A7.

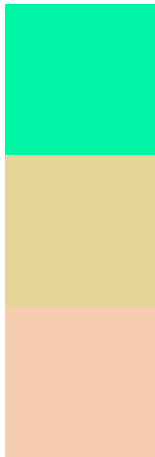


This preview shows how white text looks on a background with the Hex color 00F5A7.

# 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**  
00F5A7

**Protanopia**  
E6D599

**Deuteranopia**  
F7CDB0



**Tritanopia**  
54EAFD

# Trichromacy



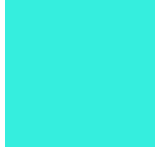
**Original Color**  
00F5A7



**Protanomaly**  
92E19E



**Deuteranomaly**  
9DDCAD



**Tritanomaly**  
35EEDE

# Monochromacy



**Original Color**  
00F5A7



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
68C1A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00F5A7 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 #00F5A7 looks like.

```
.text, #text, p{  
    color:#00F5A7  
}
```

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 #00F5A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00F5A7
}
```

## Border

The CSS property to change the border of an element to Hex 00F5A7 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
#00F5A7 }
```

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

```
.border{ border-color:#00F5A7 }
```

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

Here you see how a box with a 4 pixel #00F5A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00F5A7; -webkit-box-shadow:4px 4px  
4px 4px #00F5A7; box-shadow:4px 4px 4px  
4px #00F5A7 }
```

# Background

The CSS property to change the background color of an element to Hex 00F5A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00F5A7 }
```

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

```
.background{ background-color:#00F5A7 }
```

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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