

# Converting Colors

Hex(07EFA1)

Have a look what the booklet for  
Hex(07EFA1) contains.

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# Color

Hex(07EFA1)

# Conversions

## Conversions Part 1

Format	Color
Hex	07EFA1
RGB	7, 239, 161
RGB Percent	3%, 94%, 63%
CMY	0.9725, 0.0627, 0.3686
CMYK	0.97, 0.00, 0.33, 0.06
HSL	160°, 94%, 48%
HSV	160°, 97%, 94%
XYZ	37.3871, 64.3514, 44.1688
YIQ	160.7400, -113.2340, -73.4420

# Conversions

## Conversions Part 2

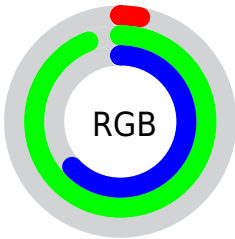
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 146, 239
Decimal	520097
CIELab	84.15, -65.32, 24.62
CIELCh	84, 69.807, 159.351
Yxy	64.3514, 0.2562, 0.4410
Android (android.graphics.Color)	4278710177 (0xFF07EFA1)
YUV	160.7400, 0.1282, -134.8300
Hunter-Lab	80.2193, -57.1918, 23.5084

# Details

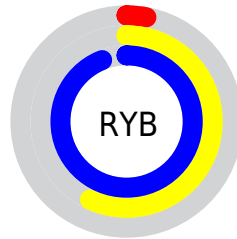
The Hex color **07EFA1** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **EF0755**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **70FFD8**, and **00B66D** is the 20% darker color. If you saturate the color by 10%, you get **00EF9F**, and if you desaturate by 10%, it is **1FEFA9**.

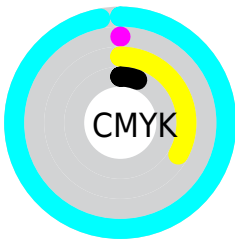
# Distribution



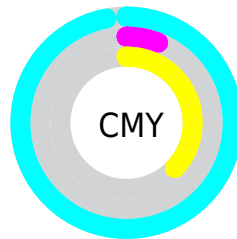
- Red (3%)
- Green (94%)
- Blue (63%)



- Red (3%)
- Yellow (57%)
- Blue (94%)



- Cyan (97%)
- Magenta (0%)
- Yellow (33%)
- Black (6%)



- Cyan (97%)
- Magenta (6%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 07EFA1 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 07EFA1 by changing the saturation by 10% instead.



 07EFA1

 07EFA1

FFFFFF

 00D287

 70FFD8

 00B66D

 92FFF5

 009A54

 B3FFFF

 007F3C

 D3FFFF

 006426

 F2FFFF

 004A0F

 003300

 001700

 000000

■ 07EFA1

■ 07EFA1

■ 00EF9F

■ 1FEFA9

■ 37EFB1

■ 4FEFB9

■ 67EFC1

■ 7EEFC9

■ 96EFD1

■ AEEFD9

■ C6EFE1

■ DEEFE9

# Harmonies

## Analogous

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



9BE666



07EFA1



00F2E5

# Triad

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



07EFA1



7BD2FF



FFA582

# Complementary

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



07EFA1



EF0755

# 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.



FF96C0



07EFA1



F1B8FF

# Square

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



07EFA1



00E5FF



FF9FFF



FFBE53

# Rectangle

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



07EFA1



00F1FF



FF9FFF



FF9E95

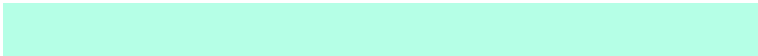


# Sweetspot

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



07EFA1



B5FFE6



58EF07



538070



000000



808080



# Same Dimension

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



07EFA1



00FFA9



07CCEF



6C7874



00B87A



003825



# Inverse Universe

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



EF0755



FF0056



EF2A07



786C70



B8003E

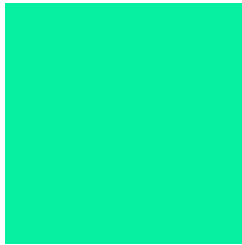


380013



# Previews

## White Background



This preview shows how the Hex color 07EFA1 looks on a white background.

## Color Contrast Check

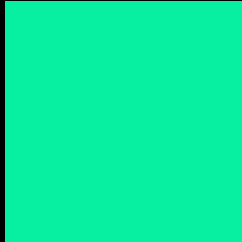
Large Text (above 18pt) WCAG AA × Fail

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 07EFA1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

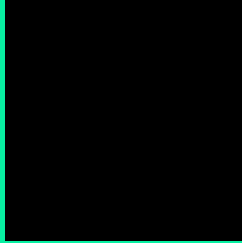
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 07EFA1 Background



This preview shows how black text looks on a background with the Hex color 07EFA1.

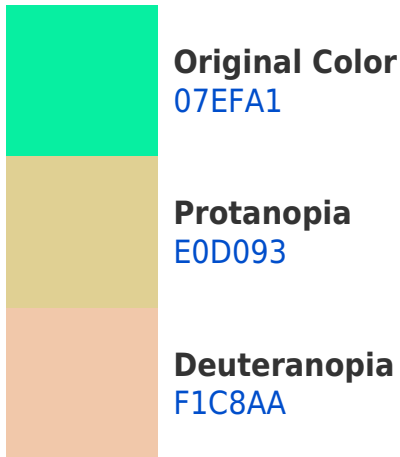


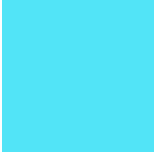
This preview shows how white text looks on a background with the Hex color 07EFA1.

# 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**  
52E4F7

# Trichromacy



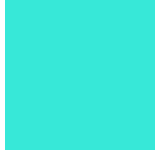
**Original Color**  
07EFA1



**Protanomaly**  
91DB98



**Deuteranomaly**  
9CD6A7



**Tritanomaly**  
37E8D8

# Monochromacy



**Original Color**  
07EFA1



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
69BDA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 07EFA1 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 #07EFA1 looks like.

```
.text, #text, p{  
    color:#07EFA1  
}
```

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 #07EFA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07EFA1
}
```

## Border

The CSS property to change the border of an element to Hex 07EFA1 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
#07EFA1 }
```

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

```
.border{ border-color:#07EFA1 }
```

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

Here you see how a box with a 4 pixel #07EFA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07EFA1; -webkit-box-shadow:4px 4px  
4px 4px #07EFA1; box-shadow:4px 4px 4px  
4px #07EFA1 }
```

# Background

The CSS property to change the background color of an element to Hex 07EFA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07EFA1 }
```

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

```
.background{ background-color:#07EFA1 }
```

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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