

# Converting Colors

Hex(00EC7C)

Have a look what the booklet for  
Hex(00EC7C) contains.

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# Color

Hex(00EC7C)

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 00EC7C                        |
| RGB         | 0, 236, 124                   |
| RGB Percent | 0%, 93%, 49%                  |
| CMY         | 1.0000, 0.0745, 0.5137        |
| CMYK        | 1.00, 0.00, 0.47, 0.07        |
| HSL         | 152°, 100%, 46%               |
| HSV         | 152°, 100%, 93%               |
| XYZ         | 33.6335, 61.4461, 29.1564     |
| YIQ         | 152.6680, -104.7040, -84.8640 |

# Conversions

## Conversions Part 2

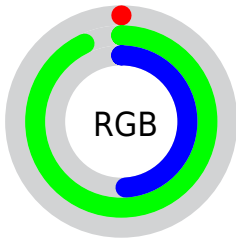
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">0, 155, 236</a>                   |
| Decimal                             | <a href="#">60540</a>                         |
| CIELab                              | <a href="#">82.62, -71.42, 41.12</a>          |
| CIELCh                              | <a href="#">83, 82.413, 150.069</a>           |
| Yxy                                 | <a href="#">61.4461, 0.2707, 0.4946</a>       |
| Android<br>(android.graphics.Color) | <a href="#">4278250620<br/>(0xFF00EC7C)</a>   |
| YUV                                 | <a href="#">152.6680, -14.1333, -133.8898</a> |
| Hunter-Lab                          | <a href="#">78.3876, -60.5898, 32.8183</a>    |

# Details

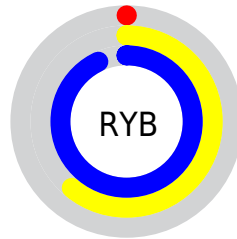
The Hex color **00EC7C** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EC0070**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **6EFFB2**, and **00B249** is the 20% darker color. If you saturate the color by 10%, you get **00EC7C**, and if you desaturate by 10%, it is **18EC87**.

# Distribution



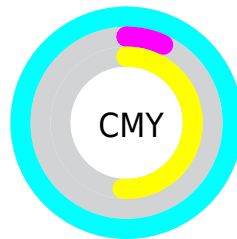
- Red (0%)
- Green (93%)
- Blue (49%)



- Red (0%)
- Yellow (61%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00EC7C 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 00EC7C by changing the saturation by 10% instead.



 00EC7C

FFFFFF

 6EFFB2

 90FFCE

 B1FFEB


 D1FFFF

 F0FFFF

 00EC7C

 00CF62

 00B249

 00972F

 007B14

 006100

 004700

 002F00

 001100

 000000

 00EC7C

 18EC87

 2FEC92

 47EC9E

 5EECA9

 76ECB4

 8EECBF

 A5ECCA

 BDECD6

 D4ECE1

# Harmonies

## Analogous

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



A6DF36



00EC7C



00F2CB

# Triad

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



00EC7C



00D7FF



FF8C85

# Complementary

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



00EC7C



EC0070

# 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.



FF80D1



00EC7C



CCB9FF

# Square

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



00EC7C



00E9FF



FF96FF



FFAC43

# Rectangle

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



00EC7C



00F2FF



FF96FF



FF859D

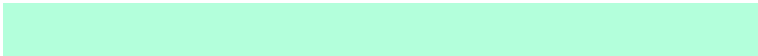


# Sweetspot

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



00EC7C



B3FFDB



72EC00



52806A



000000



808080



# Same Dimension

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



00EC7C



00FF86



00E8EC



6A7570



00B55F



00361C



# Inverse Universe

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



EC0070



FF0079



EC0400



756A6F



B50056

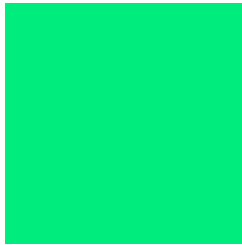


360019



# Previews

## White Background



This preview shows how the Hex color 00EC7C 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 00EC7C 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 00EC7C Background



This preview shows how black text looks on a background with the Hex color 00EC7C.

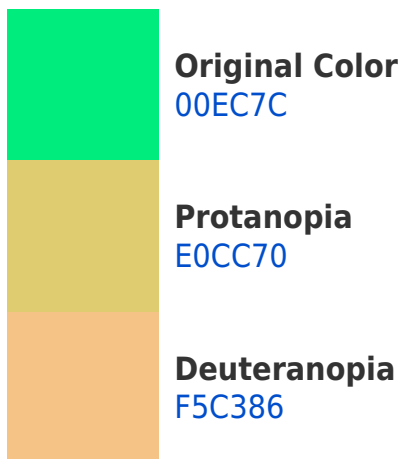


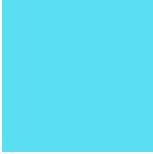
This preview shows how white text looks on a background with the Hex color 00EC7C.

# 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](#).

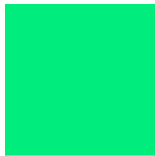
## Dichromacy





**Tritanopia**  
59DFF1

# Trichromacy



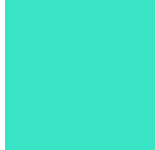
**Original Color**  
00EC7C



**Protanomaly**  
8FD874



**Deuteranomaly**  
9CD282



**Tritanomaly**  
39E4C6

# Monochromacy



**Original Color**  
00EC7C



**Achromatopsia**  
999999



**Achromatomaly**  
61B78E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00EC7C 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 #00EC7C looks like.

```
.text, #text, p{  
    color:#00EC7C  
}
```

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 #00EC7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EC7C
}
```

## Border

The CSS property to change the border of an element to Hex 00EC7C 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
#00EC7C }
```

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

```
.border{ border-color:#00EC7C }
```

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

Here you see how a box with a 4 pixel #00EC7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EC7C; -webkit-box-shadow:4px 4px  
4px 4px #00EC7C; box-shadow:4px 4px 4px  
4px #00EC7C }
```

# Background

The CSS property to change the background color of an element to Hex 00EC7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EC7C }
```

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

```
.background{ background-color:#00EC7C }
```

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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