

Converting Colors

Hex(00EC7B)

Have a look what the booklet for
Hex(00EC7B) contains.

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Color

Hex(00EC7B)

Conversions

Conversions Part 1

Format	Color
Hex	00EC7B
RGB	0, 236, 123
RGB Percent	0%, 93%, 48%
CMY	1.0000, 0.0745, 0.5176
CMYK	1.00, 0.00, 0.48, 0.07
HSL	151°, 100%, 46%
HSV	151°, 100%, 93%
XYZ	33.5706, 61.4210, 28.8250
YIQ	152.5540, -104.3830, -85.1750

Conversions

Conversions Part 2

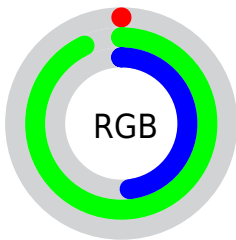
Format	Color
RYB	0, 155, 236
Decimal	60539
CIELab	82.60, -71.58, 41.59
CIELCh	83, 82.788, 149.845
Yxy	61.4210, 0.2711, 0.4961
Android (android.graphics.Color)	4278250619 (0xFF00EC7B)
YUV	152.5540, -14.5701, -133.7899
Hunter-Lab	78.3715, -60.6893, 33.0533

Details

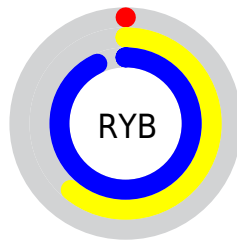
The Hex color **00EC7B** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **EC0071**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **6EFFB1**, and **00B247** is the 20% darker color. If you saturate the color by 10%, you get **00EC7B**, and if you desaturate by 10%, it is **18EC86**.

Distribution



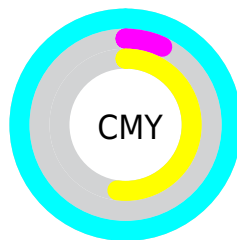
- Red (0%)
- Green (93%)
- Blue (48%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (7%)



- Cyan (100%)
- Magenta (7%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EC7B 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 00EC7B by changing the saturation by 10% instead.

 00EC7B

 00EC7B


FFFFFF

 00CF61

 6EFFB1

 00B247

 90FFCD

 00972E

 B1FFEA

 007B13

 D1FFFF

 006100

 F0FFFF

 004700

 002F00

 001100

 000000

 00EC7B

 18EC86

 2FEC92

 47EC9D

 5EECA8

 76ECB4

 8EECBF

 A5ECCA

 BDECD5

 D4ECE1

Harmonies

Analogous

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



A7DF34



00EC7B



00F2CB

Triad

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



00EC7B



00D7FF



FF8C85

Complementary

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



00EC7B



EC0071

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



00EC7B



CAB9FF

Square

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



00EC7B



00E9FF



FF96FF



FFAB42

Rectangle

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



00EC7B



00F2FF



FF96FF



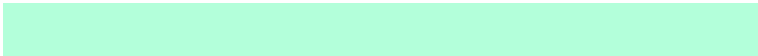
FF849E

Sweetspot

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



00EC7B



B3FFDA



72EC00



52806A



000000



808080

Same Dimension

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



00EC7B



00FF85



00E8EC



6A7570



00B55E



00361C

Inverse Universe

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



EC0071



FF007A



EC0400



756A6F



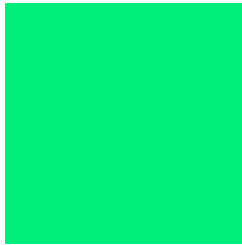
B50057



36001A

Previews

White Background



This preview shows how the Hex color 00EC7B 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 00EC7B 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 00EC7B Background



This preview shows how black text looks on a background with the Hex color 00EC7B.

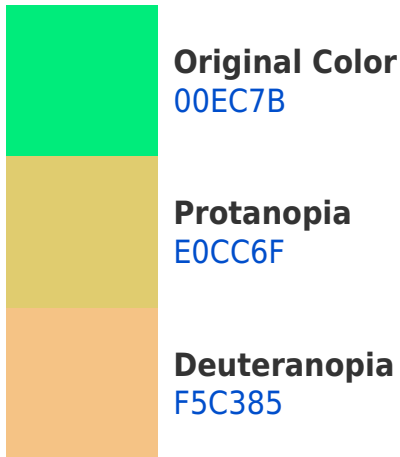


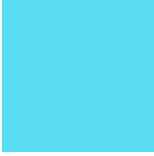
This preview shows how white text looks on a background with the Hex color 00EC7B.

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



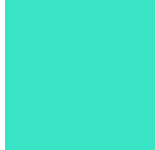
Original Color
00EC7B



Protanomaly
8FD873



Deuteranomaly
9CD281



Tritanomaly
39E4C6

Monochromacy



Original Color
00EC7B



Achromatopsia
999999



Achromatomaly
61B78E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EC7B 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 #00EC7B looks like.

```
.text, #text, p{  
    color:#00EC7B  
}
```

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 #00EC7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EC7B
}
```

Border

The CSS property to change the border of an element to Hex 00EC7B 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
#00EC7B }
```

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

```
.border{ border-color:#00EC7B }
```

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

Here you see how a box with a 4 pixel #00EC7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EC7B; -webkit-box-shadow:4px 4px  
4px 4px #00EC7B; box-shadow:4px 4px 4px  
4px #00EC7B }
```

Background

The CSS property to change the background color of an element to Hex 00EC7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EC7B }
```

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

```
.background{ background-color:#00EC7B }
```

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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