

Converting Colors

Hex(07ED7F)

Have a look what the booklet for
Hex(07ED7F) contains.

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Color

Hex(07ED7F)

Conversions

Conversions Part 1

Format	Color
Hex	07ED7F
RGB	7, 237, 127
RGB Percent	3%, 93%, 50%
CMY	0.9725, 0.0706, 0.5020
CMYK	0.97, 0.00, 0.46, 0.07
HSL	151°, 94%, 48%
HSV	151°, 97%, 93%
XYZ	34.2026, 62.1459, 30.2714
YIQ	155.6900, -101.7700, -82.9700

Conversions

Conversions Part 2

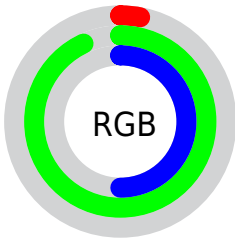
Format	Color
RYB	7, 158, 237
Decimal	519551
CIELab	82.99, -71.05, 40.14
CIELCh	83, 81.601, 150.533
Yxy	62.1459, 0.2701, 0.4908
Android (android.graphics.Color)	4278709631 (0xFF07ED7F)
YUV	155.6900, -14.1442, -130.4011
Hunter-Lab	78.8326, -60.5126, 32.4158

Details

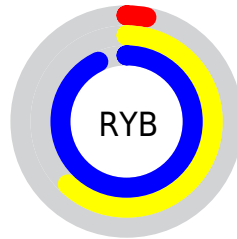
The Hex color **07ED7F** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **ED0775**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **70FFB5**, and **00B34C** is the 20% darker color. If you saturate the color by 10%, you get **00ED7C**, and if you desaturate by 10%, it is **1FED8A**.

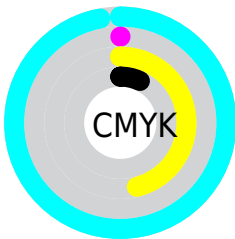
Distribution



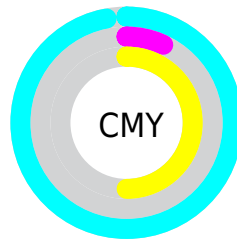
- Red (3%)
- Green (93%)
- Blue (50%)



- Red (3%)
- Yellow (62%)
- Blue (93%)



- Cyan (97%)
- Magenta (0%)
- Yellow (46%)
- Black (7%)



- Cyan (97%)
- Magenta (7%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07ED7F 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 07ED7F by changing the saturation by 10% instead.

 07ED7F

 07ED7F


FFFFFF

 00D065

 70FFB5

 00B34C

 92FFD1

 009832

 B2FFEE

 007C18

 D2FFFF

 006200

 F1FFFF

 004800

 003000

 001200

 000000

 07ED7F

 07ED7F

 00ED7C

 1FED8A

 36ED96

 4EEDA1

 66EDAC

 7EEDB8

 95EDC3

 ADEDCE

 C5EDDA

 DCEDE5

Harmonies

Analogous

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



A7E13A



07ED7F



00F2CE

Triad

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



07ED7F



00D7FF



FF8F85

Complementary

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



07ED7F



ED0775

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.



FF83D1



07ED7F



CFBAFF

Square

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



07ED7F



00EAFF



FF97FF



FFAE44

Rectangle

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



07ED7F



00F3FF



FF97FF



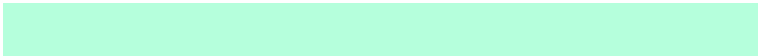
FF879D

Sweetspot

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



07ED7F



B5FFDC



76ED07



53806A



000000



808080

Same Dimension

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



07ED7F



00FF85



07E9ED



6A7570



00B55E



00361C

Inverse Universe

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



ED0775



FF007A



ED0B07



756A6F



B50057



36001A

Previews

White Background



This preview shows how the Hex color 07ED7F 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 07ED7F 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

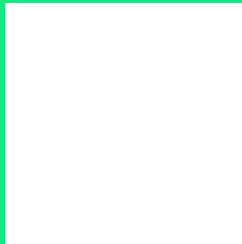
Any Text WCAG AAA ✓ Pass

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

Hex 07ED7F Background



This preview shows how black text looks on a background with the Hex color 07ED7F.

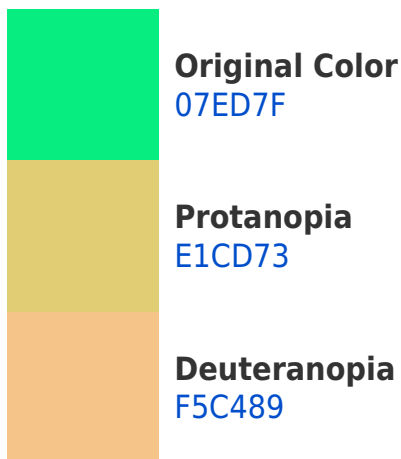


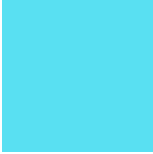
This preview shows how white text looks on a background with the Hex color 07ED7F.

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](#).

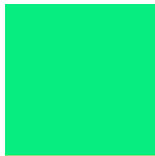
Dichromacy





Tritanopia
59E0F2

Trichromacy



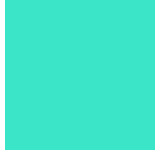
Original Color
07ED7F



Protanomaly
92D977



Deuteranomaly
9ED385



Tritanomaly
3BE5C8

Monochromacy



Original Color
07ED7F



Achromatopsia
9C9C9C



Achromatomaly
66B991

CSS Examples

Text

The CSS property to change the color of the text to Hex 07ED7F 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 #07ED7F looks like.

```
.text, #text, p{  
    color:#07ED7F  
}
```

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 #07ED7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07ED7F
}
```

Border

The CSS property to change the border of an element to Hex 07ED7F 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
#07ED7F }
```

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

```
.border{ border-color:#07ED7F }
```

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

Here you see how a box with a 4 pixel #07ED7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07ED7F; -webkit-box-shadow:4px 4px  
4px 4px #07ED7F; box-shadow:4px 4px 4px  
4px #07ED7F }
```

Background

The CSS property to change the background color of an element to Hex 07ED7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07ED7F }
```

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

```
.background{ background-color:#07ED7F }
```

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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