

# Converting Colors

Hex(00FF7C)

Have a look what the booklet for  
Hex(00FF7C) contains.

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# Color

Hex(00FF7C)

# Conversions

## Conversions Part 1

Format	Color
Hex	00FF7C
RGB	0, 255, 124
RGB Percent	0%, 100%, 49%
CMY	1.0000, 0.0000, 0.5137
CMYK	1.00, 0.00, 0.51, 0.00
HSL	149°, 100%, 50%
HSV	149°, 100%, 100%
XYZ	39.3981, 72.9752, 31.0779
YIQ	163.8210, -109.9290, -94.8010

# Conversions

## Conversions Part 2

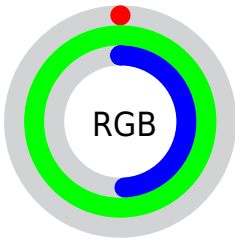
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 172, 255
Decimal	65404
CIELab	88.44, -77.35, 48.38
CIELCh	88, 91.233, 147.975
Yxy	72.9752, 0.2746, 0.5087
Android (android.graphics.Color)	4278255484 (0xFF00FF7C)
YUV	163.8210, -19.6318, -143.6710
Hunter-Lab	85.4255, -67.1709, 38.2281

# Details

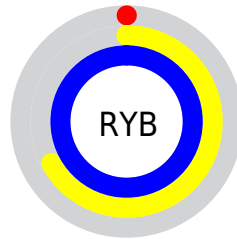
The Hex color **00FF7C** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **FF0083**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **74FFB3**, and **00C547** is the 20% darker color. If you saturate the color by 10%, you get **00FF7C**, and if you desaturate by 10%, it is **19FF89**.

# Distribution



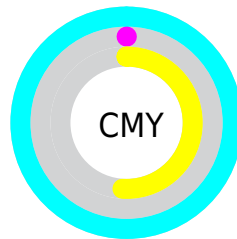
- Red (0%)
- Green (100%)
- Blue (49%)



- Red (0%)
- Yellow (67%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00FF7C 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 00FF7C by changing the saturation by 10% instead.



 00FF7C

 00FF7C

FFFFFF

 00E161

 74FFB3

 00C547

 97FFCF

 00A82D

 B8FFEC

 008C0D

 D8FFFF

 007100

 F8FFFF

 005700

 003E00

 002400

 000000

 00FF7C

 19FF89

 33FF96

 4DFFA3

 66FFB0

 80FFBE

 99FFCB

 B3FFD8

 CCFFE5

 E6FFF2

# Harmonies

## Analogous

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



B8F128



00FF7C



00FFD5

# Triad

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



00FF7C



00EAFF



FF9192

# Complementary

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



00FF7C



FF0083

# 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.



FF85E8



00FF7C



D0C9FF

# Square

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



00FF7C



00FEFF



FFA1FF



FFB545

# Rectangle

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



00FF7C



00FFFF



FFA1FF



FF89AE

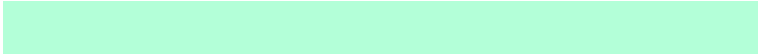


# Sweetspot

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



00FF7C



B3FFD8



84FF00



528068



000000



808080



# Same Dimension

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



00FF7C



00FFFB



738079



00BF5D



00401F

# Inverse Universe

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



FF0083



FF0004



807379



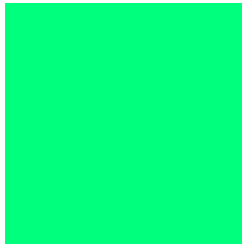
BF0062



400021

# Previews

## White Background



This preview shows how the Hex color 00FF7C looks on a white background.

## Color Contrast Check

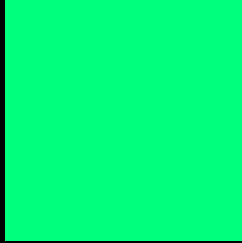
Large Text (above 18pt) WCAG AA × Fail

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 00FF7C 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 00FF7C Background



This preview shows how black text looks on a background with the Hex color 00FF7C.

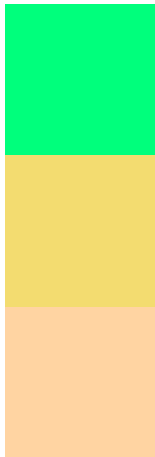


This preview shows how white text looks on a background with the Hex color 00FF7C.

# 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

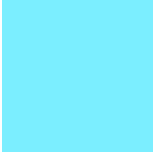


**Original Color**  
00FF7C

**Protanopia**  
F3DC70

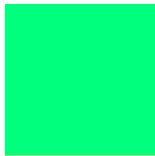
**Deuteranopia**  
FFD4A2





**Tritanopia**  
7BEEFF

# Trichromacy



**Original Color**

00FF7C



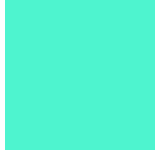
**Protanomaly**

9BE974



**Deuteranomaly**

A2E494



**Tritanomaly**

4EF4CF

# Monochromacy



**Original Color**

00FF7C



**Achromatopsia**

A4A4A4



**Achromatomaly**

68C595

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00FF7C 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 #00FF7C looks like.

```
.text, #text, p{  
    color:#00FF7C  
}
```

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 #00FF7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FF7C
}
```

## Border

The CSS property to change the border of an element to Hex 00FF7C 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
#00FF7C }
```

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

```
.border{ border-color:#00FF7C }
```

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

Here you see how a box with a 4 pixel #00FF7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FF7C; -webkit-box-shadow:4px 4px  
4px 4px #00FF7C; box-shadow:4px 4px 4px  
4px #00FF7C }
```

# Background

The CSS property to change the background color of an element to Hex 00FF7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FF7C }
```

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

```
.background{ background-color:#00FF7C }
```

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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