

# Converting Colors

Hex(70FF7B)

Have a look what the booklet for  
Hex(70FF7B) contains.

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# Color

Hex(70FF7B)

# Conversions

## Conversions Part 1

Format	Color
Hex	70FF7B
RGB	112, 255, 123
RGB Percent	44%, 100%, 48%
CMY	0.5608, 0.0000, 0.5176
CMYK	0.56, 0.00, 0.52, 0.00
HSL	125°, 100%, 72%
HSV	125°, 56%, 100%
XYZ	46.0172, 76.3948, 31.0592
YIQ	197.1950, -42.8560, -71.3680

# Conversions

## Conversions Part 2

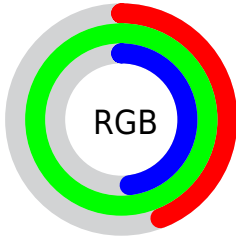
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 245, 255
Decimal	7405435
CIELab	90.04, -64.47, 51.18
CIELCh	90, 82.310, 141.556
Yxy	76.3948, 0.2998, 0.4978
Android (android.graphics.Color)	4285595515 (0xFF70FF7B)
YUV	197.1950, -36.5781, -74.7160
Hunter-Lab	87.4041, -58.9791, 40.1141

# Details

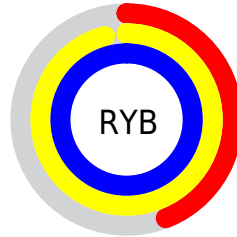
The Hex color **70FF7B** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF70F4**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **AEFFB2**, and **26C546** is the 20% darker color. If you saturate the color by 10%, you get **57FF63**, and if you desaturate by 10%, it is **8AFF93**.

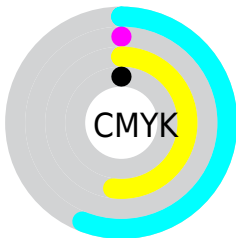
# Distribution



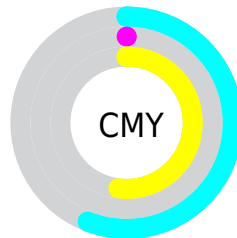
- Red (44%)
- Green (100%)
- Blue (48%)



- Red (44%)
- Yellow (96%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70FF7B 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 70FF7B by changing the saturation by 10% instead.



 70FF7B

FFFFFF

 AEFFB2

 CCFFCE

 EBFFEB

 70FF7B

 4FE260

 26C546

 00A92B

 008E08

 007300

 005900

 004000

 002800

 000000

 70FF7B

 70FF7B

 57FF63

 8AFF93

 3DFF4C

 A3FFAA

 23FF34

 BDFFC2

 0AFF1D

 D6FFD9

 00FF14

 F0FFF1

FFFFFF

# Harmonies

## Analogous

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



D4EF3F



70FF7B



00FFC9

# Triad

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



70FF7B



00F2FF



FF9CAD

# Complementary

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



70FF7B



FF70F4

# 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.



FF9AFC



70FF7B



BAD7FF

# Square

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



70FF7B



00FFFF



FFB5FF



FFB768

# Rectangle

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



70FF7B



00FFFF



FFB5FF



FF98C7

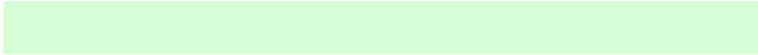


# Sweetspot

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



70FF7B



D4FFD7



F5FF70



668068



000000



808080



# Same Dimension

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



70FF7B



54FF61



70FFC1



738074



00BF0F



004005



# Inverse Universe

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



FF70F4



FF54F2



FF70AE



80737F



BF00B1

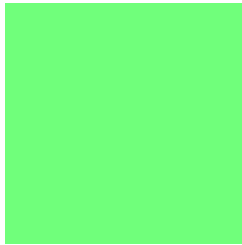


40003B



# Previews

## White Background



This preview shows how the Hex color 70FF7B looks on a white background.

## Color Contrast Check

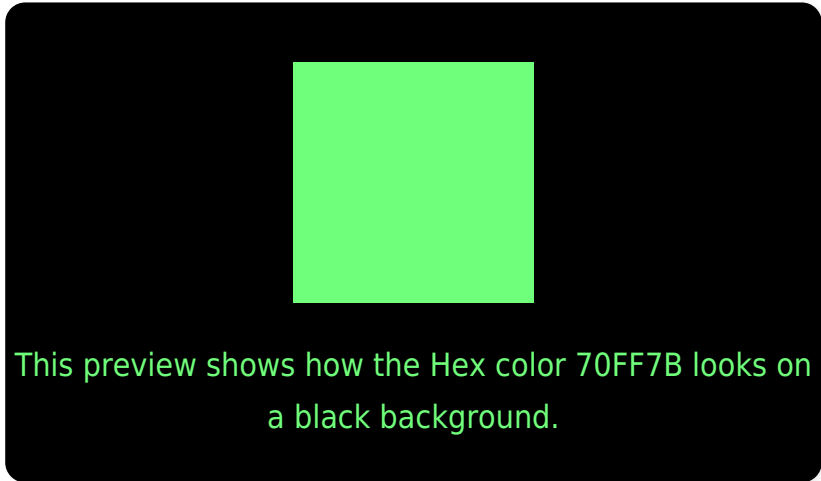
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

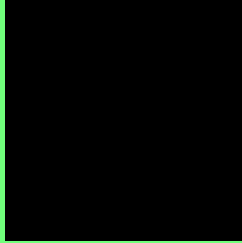
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

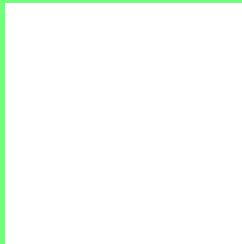
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70FF7B Background



This preview shows how black text looks on a background with the Hex color 70FF7B.

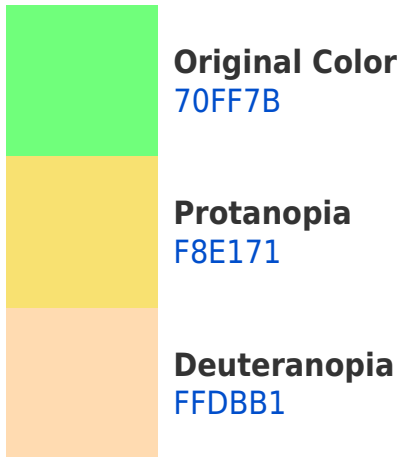


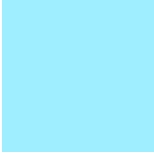
This preview shows how white text looks on a background with the Hex color 70FF7B.

# 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



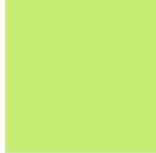


**Tritanopia**  
9FEEFF

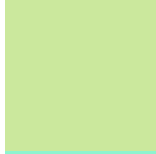
# Trichromacy



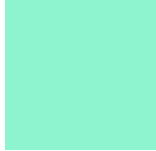
**Original Color**  
70FF7B



**Protanomaly**  
C7EC75

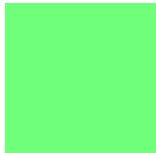


**Deuteranomaly**  
CBE89D

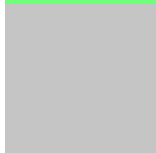


**Tritanomaly**  
8EF4CF

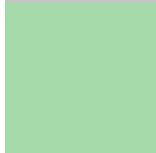
# Monochromacy



**Original Color**  
70FF7B



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
A6DAAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70FF7B 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 #70FF7B looks like.

```
.text, #text, p{  
    color:#70FF7B  
}
```

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 #70FF7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70FF7B
}
```

## Border

The CSS property to change the border of an element to Hex 70FF7B 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
#70FF7B }
```

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

```
.border{ border-color:#70FF7B }
```

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

Here you see how a box with a 4 pixel #70FF7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70FF7B; -webkit-box-shadow:4px 4px  
4px 4px #70FF7B; box-shadow:4px 4px 4px  
4px #70FF7B }
```

# Background

The CSS property to change the background color of an element to Hex 70FF7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70FF7B }
```

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

```
.background{ background-color:#70FF7B }
```

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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