

# Converting Colors

Hex(69FF7D)

Have a look what the booklet for  
Hex(69FF7D) contains.

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**Color**

**Hex(69FF7D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69FF7D
RGB	105, 255, 125
RGB Percent	41%, 100%, 49%
CMY	0.5882, 0.0000, 0.5098
CMYK	0.59, 0.00, 0.51, 0.00
HSL	128°, 100%, 71%
HSV	128°, 59%, 100%
XYZ	45.2874, 76.0039, 31.6854
YIQ	195.3300, -47.6700, -72.2300

# Conversions

## Conversions Part 2

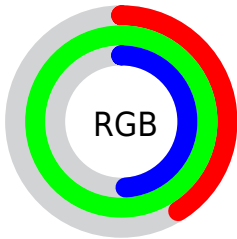
Format	Color
<a href="#">RYB</a>	<a href="#">105, 237, 255</a>
Decimal	<a href="#">6946685</a>
CIELab	<a href="#">89.86, -65.77, 49.98</a>
CIELCh	<a href="#">90, 82.610, 142.767</a>
Yxy	<a href="#">76.0039, 0.2960, 0.4968</a>
Android (android.graphics.Color)	<a href="#">4285136765 (0xFF69FF7D)</a>
YUV	<a href="#">195.3300, -34.6727, -79.2194</a>
Hunter-Lab	<a href="#">87.1802, -59.8403, 39.4774</a>

# Details

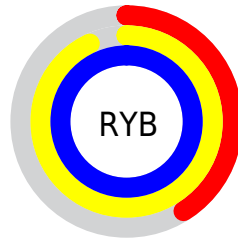
The Hex color **69FF7D** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF69EB**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **A8FFB4**, and **14C548** is the 20% darker color. If you saturate the color by 10%, you get **50FF67**, and if you desaturate by 10%, it is **83FF93**.

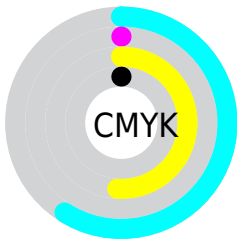
# Distribution



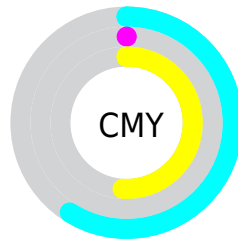
- Red (41%)
- Green (100%)
- Blue (49%)



- Red (41%)
- Yellow (93%)
- Blue (100%)



- Cyan (59%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (59%)
- Magenta (0%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69FF7D 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 69FF7D by changing the saturation by 10% instead.



 69FF7D

FFFFFF

 A8FFB4

 C6FFD0

 E5FFED

 69FF7D

 46E262

 14C548

 00A92D

 008D0D

 007300

 005900

 004000

 002800

 000000

 69FF7D

 69FF7D

 50FF67

 83FF93

 36FF51

 9CFFA9

 1CFF3B

 B5FFBF

 03FF25

 CFFFD5

 00FF22

 E9FFEB

FFFFFF

# Harmonies

## Analogous

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



D0F03F



69FF7D



00FFCC

# Triad

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



69FF7D



00F1FF



FF9CAA

# Complementary

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



69FF7D



FF69EB

# 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.



FF99F9



69FF7D



C0D5FF

# Square

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



69FF7D



00FFFF



FFB3FF



FFB865

# Rectangle

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



69FF7D



00FFFF



FFB3FF



FF97C3

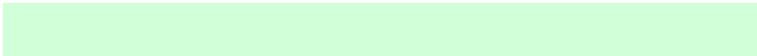


# Sweetspot

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



69FF7D



D1FFD7



EBFF69



638067



000000



808080



# Same Dimension

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



69FF7D



4AFF62



69FFC8



738074



00BF19



004008



# Inverse Universe

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



FF69EB



FF4AE7



FF69A0



80737E



BF00A6

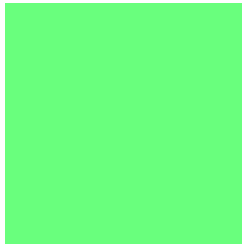


400037



# Previews

## White Background



This preview shows how the Hex color 69FF7D 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 69FF7D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

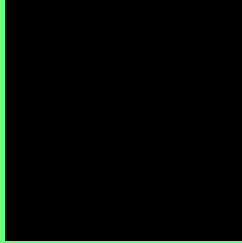
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69FF7D Background



This preview shows how black text looks on a background with the Hex color 69FF7D.

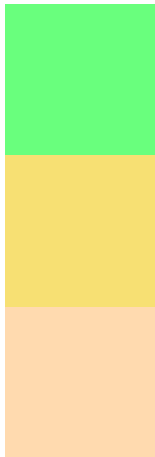


This preview shows how white text looks on a background with the Hex color 69FF7D.

# 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](#).

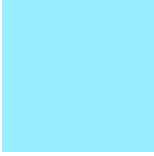
## Dichromacy



**Original Color**  
69FF7D

**Protanopia**  
F7E073

**Deuteranopia**  
FFDAAF



**Tritanopia**  
9BEEFF

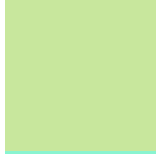
# Trichromacy



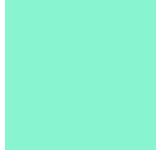
**Original Color**  
69FF7D



**Protanomaly**  
C3EB77

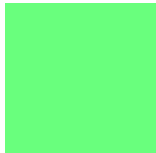


**Deuteranomaly**  
C8E79D

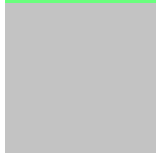


**Tritanomaly**  
89F4D0

# Monochromacy



**Original Color**  
69FF7D



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
A2D9AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69FF7D 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 #69FF7D looks like.

```
.text, #text, p{  
    color:#69FF7D  
}
```

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 #69FF7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69FF7D
}
```

## Border

The CSS property to change the border of an element to Hex 69FF7D 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
#69FF7D }
```

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

```
.border{ border-color:#69FF7D }
```

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

Here you see how a box with a 4 pixel #69FF7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69FF7D; -webkit-box-shadow:4px 4px  
4px 4px #69FF7D; box-shadow:4px 4px 4px  
4px #69FF7D }
```

# Background

The CSS property to change the background color of an element to Hex 69FF7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69FF7D }
```

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

```
.background{ background-color:#69FF7D }
```

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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