

# Converting Colors

Hex(7FF6EA)

Have a look what the booklet for  
Hex(7FF6EA) contains.

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# Color

**Hex(7FF6EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FF6EA
RGB	127, 246, 234
RGB Percent	50%, 96%, 92%
CMY	0.5020, 0.0353, 0.0824
CMYK	0.48, 0.00, 0.05, 0.04
HSL	174°, 87%, 73%
HSV	174°, 48%, 96%
XYZ	56.5594, 76.3641, 89.6006
YIQ	209.0510, -67.0720, -28.9600

# Conversions

## Conversions Part 2

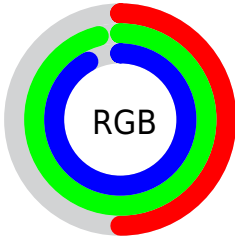
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">127, 190, 246</a>
Decimal	<a href="#">8386282</a>
CIELab	<a href="#">90.03, -36.46, -4.61</a>
CIELCh	<a href="#">90, 36.751, 187.209</a>
Yxy	<a href="#">76.3641, 0.2542, 0.3432</a>
Android (android.graphics.Color)	<a href="#">4286576362</a> ( <a href="#">0xFF7FF6EA</a> )
YUV	<a href="#">209.0510, 12.2999, -71.9587</a>
Hunter-Lab	<a href="#">87.3865, -37.3954, 0.3784</a>

# Details

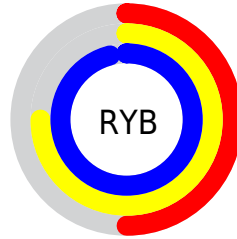
The Hex color **7FF6EA** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F67F8B**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **BBFFFF**, and **40BDB2** is the 20% darker color. If you saturate the color by 10%, you get **66F6E8**, and if you desaturate by 10%, it is **98F6EC**.

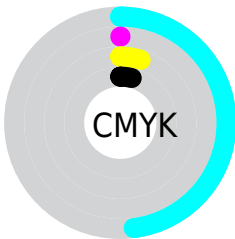
# Distribution



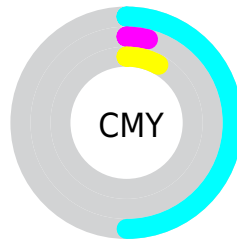
- Red (50%)
- Green (96%)
- Blue (92%)



- Red (50%)
- Yellow (75%)
- Blue (96%)



- Cyan (48%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (50%)
- Magenta (4%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FF6EA 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 7FF6EA by changing the saturation by 10% instead.



 7FF6EA

 7FF6EA

FFFFFF

 61D9CE

 BBFFFF

 40BDB2

 D8FFFF

 13A298

 F7FFFF

 00877E

 006D65

 00544D

 003C36

 002721

 00010B

 7FF6EA

 7FF6EA

 66F6E8

 98F6EC

 4EF6E5

 B0F6EF

 35F6E3

 C9F6F1

 1DF6E0

 E1F6F4

 04F6DE

 FAF6F6

 00F6DD

 FFF6F9

 FFF6FB

 FFF6FE

 FFF6FF

# Harmonies

## Analogous

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



A3F4C6



7FF6EA



72F4FF

# Triad

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



7FF6EA



F2D6FF



FFD7A2

# Complementary

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



7FF6EA



F67F8B

# 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.



FFCDBA



7FF6EA



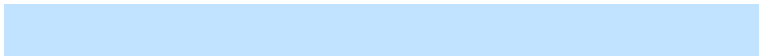
FFCCFE

# Square

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



7FF6EA



C1E3FF



FFC8DB



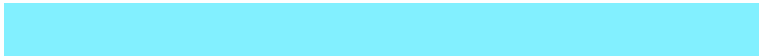
F3E39C

# Rectangle

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



7FF6EA



82F0FF



FFC8DB



FFD3A9

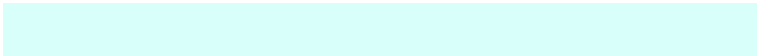


# Sweetspot

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



7FF6EA



D9FFFB



8DF67F



69807D



000000

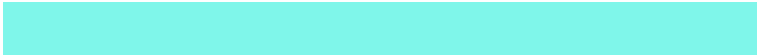


808080



# Same Dimension

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



7FF6EA



6BFFF0



7FC8F6



6E7A79



00BAA7



003B35



# Inverse Universe

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



F67F8B



FF6B7A



F6AD7F



7A6E6F



BA0013

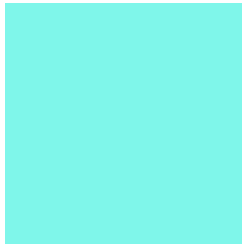


3B0006



# Previews

## White Background



This preview shows how the Hex color 7FF6EA looks on a white background.

## Color Contrast Check

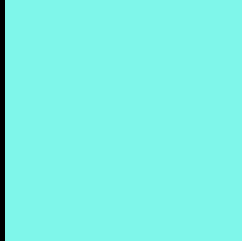
Large Text (above 18pt) WCAG AA × Fail

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 7FF6EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

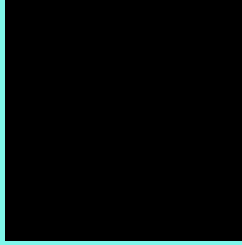
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

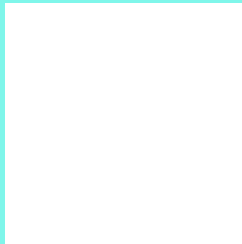
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7FF6EA Background



This preview shows how black text looks on a background with the Hex color 7FF6EA.



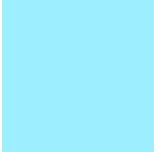
This preview shows how white text looks on a background with the Hex color 7FF6EA.

# 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**  
9DEFFF

# Trichromacy



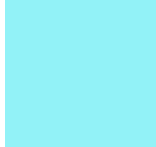
**Original Color**  
7FF6EA



**Protanomaly**  
C1E8E2



**Deuteranomaly**  
C7E5EE

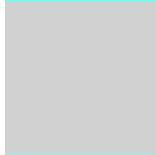


**Tritanomaly**  
92F2F7

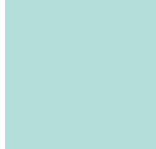
# Monochromacy



**Original Color**  
7FF6EA



**Achromatopsia**  
D1D1D1



**Achromatomaly**  
B3DEDA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FF6EA 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 #7FF6EA looks like.

```
.text, #text, p{  
    color:#7FF6EA  
}
```

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 #7FF6EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FF6EA
}
```

## Border

The CSS property to change the border of an element to Hex 7FF6EA 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
#7FF6EA }
```

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

```
.border{ border-color:#7FF6EA }
```

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

Here you see how a box with a 4 pixel #7FF6EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FF6EA; -webkit-box-shadow:4px 4px  
4px 4px #7FF6EA; box-shadow:4px 4px 4px  
4px #7FF6EA }
```

# Background

The CSS property to change the background color of an element to Hex 7FF6EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FF6EA }
```

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

```
.background{ background-color:#7FF6EA }
```

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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