

# Converting Colors

Hex(77FAA6)

Have a look what the booklet for  
Hex(77FAA6) contains.

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**Color**

**Hex(77FAA6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77FAA6
RGB	119, 250, 166
RGB Percent	47%, 98%, 65%
CMY	0.5333, 0.0196, 0.3490
CMYK	0.52, 0.00, 0.34, 0.02
HSL	142°, 93%, 72%
HSV	142°, 52%, 98%
XYZ	48.6763, 75.0463, 47.9963
YIQ	201.2550, -51.1120, -53.8960

# Conversions

## Conversions Part 2

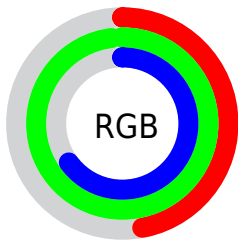
Format	Color
<a href="#">RYB</a>	<a href="#">119, 215, 250</a>
Decimal	<a href="#">7862950</a>
CIELab	<a href="#">89.41, -54.34, 29.54</a>
CIELCh	<a href="#">89, 61.850, 151.472</a>
Yxy	<a href="#">75.0463, 0.2835, 0.4370</a>
Android (android.graphics.Color)	<a href="#">4286053030 (0xFF77FAA6)</a>
YUV	<a href="#">201.2550, -17.3807, -72.1376</a>
Hunter-Lab	<a href="#">86.6293, -51.3035, 27.7913</a>

# Details

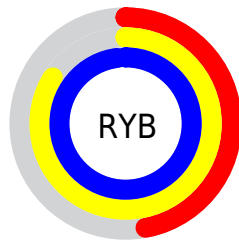
The Hex color **77FAA6** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FA77CB**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **B3FFDE**, and **36C171** is the 20% darker color. If you saturate the color by 10%, you get **5EFA96**, and if you desaturate by 10%, it is **90FAB6**.

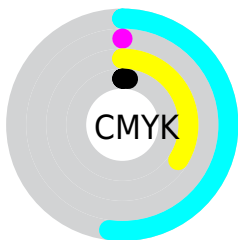
# Distribution



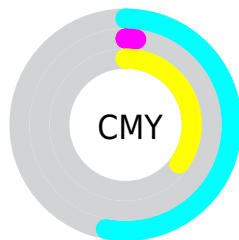
- Red (47%)
- Green (98%)
- Blue (65%)



- Red (47%)
- Yellow (84%)
- Blue (98%)



- Cyan (52%)
- Magenta (0%)
- Yellow (34%)
- Black (2%)



- Cyan (53%)
- Magenta (2%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77FAA6 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 77FAA6 by changing the saturation by 10% instead.



 77FAA6

 77FAA6

FFFFFF

 58DD8B

 B3FFDE

 36C171

 D0FFFA

 00A558

 EFFFFFF

 008A40

 006F29

 005611

 003D00

 002600

 000000

 77FAA6

 77FAA6

 5EFA96

 90FAB6

 45FA86

 A9FAC6

 2CFA76

 C2FAD6

 13FA66

 DBFAE6

 00FA5A

 F4FAF6

 FFFAFF

# Harmonies

## Analogous

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



C4EF78



77FAA6



00FFE2

# Triad

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



77FAA6



7CE6FF



FFB6A6

# Complementary

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



77FAA6



FA77CB

# 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.



FFAFE0



77FAA6



E9D0FF

# Square

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



77FAA6



00F5FF



FFBAFF



FFC979

# Rectangle

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



77FAA6



00FFFF



FFBAFF



FFB1B9

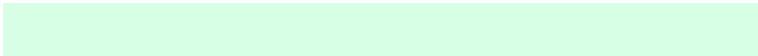


# Sweetspot

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



77FAA6



D6FFE5



CCFA77



678070



000000



808080



# Same Dimension

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



77FAA6



5EFF98



77FAE6



707D75



00BD44



003D16



# Inverse Universe

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



FA77CB



FF5EC5



FA778B



7D7078



BD0079

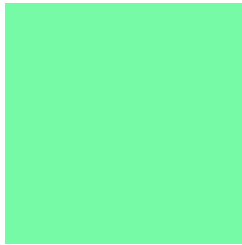


3D0027



# Previews

## White Background



This preview shows how the Hex color 77FAA6 looks on a white background.

## Color Contrast Check

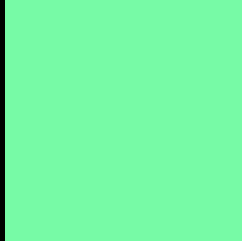
Large Text (above 18pt) WCAG AA × Fail

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 77FAA6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

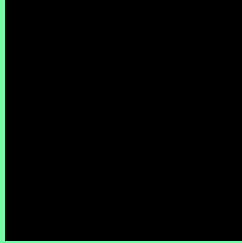
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77FAA6 Background



This preview shows how black text looks on a background with the Hex color 77FAA6.

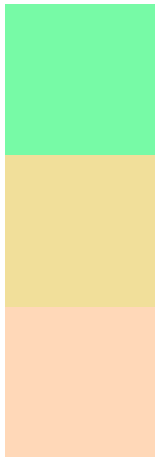


This preview shows how white text looks on a background with the Hex color 77FAA6.

# 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](#).

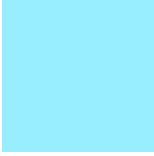
## Dichromacy



**Original Color**  
77FAA6

**Protanopia**  
F1DF9A

**Deuteranopia**  
FFD8B8



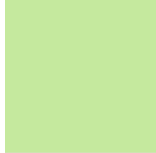
**Tritanopia**  
98EDFF

# Trichromacy



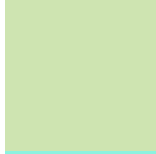
**Original Color**

77FAA6



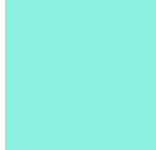
**Protanomaly**

C5E99E



**Deuteranomaly**

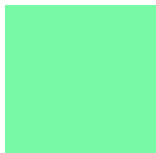
CEE4B1



**Tritanomaly**

8CF2DF

# Monochromacy



**Original Color**

77FAA6



**Achromatopsia**

C9C9C9



**Achromatomaly**

ABDBBC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77FAA6 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 #77FAA6 looks like.

```
.text, #text, p{  
  color:#77FAA6  
}
```

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 #77FAA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77FAA6
}
```

## Border

The CSS property to change the border of an element to Hex 77FAA6 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
#77FAA6 }
```

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

```
.border{ border-color:#77FAA6 }
```

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

Here you see how a box with a 4 pixel #77FAA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77FAA6; -webkit-box-shadow:4px 4px  
4px 4px #77FAA6; box-shadow:4px 4px 4px  
4px #77FAA6 }
```

# Background

The CSS property to change the background color of an element to Hex 77FAA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77FAA6 }
```

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

```
.background{ background-color:#77FAA6 }
```

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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