

# Converting Colors

Hex(F786A8)

Have a look what the booklet for  
Hex(F786A8) contains.

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**Color**

**Hex(F786A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F786A8
RGB	247, 134, 168
RGB Percent	97%, 53%, 66%
CMY	0.0314, 0.4745, 0.3412
CMYK	0.00, 0.46, 0.32, 0.03
HSL	342°, 88%, 75%
HSV	342°, 46%, 97%
XYZ	53.9508, 39.6515, 41.8558
YIQ	171.6630, 56.4340, 34.5300

# Conversions

## Conversions Part 2

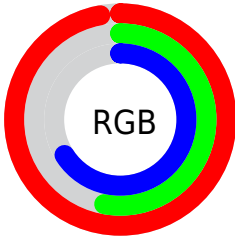
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 134, 168
Decimal	16221864
CIE <sub>Lab</sub>	69.22, 46.66, 1.51
CIE <sub>LCh</sub>	69, 46.684, 1.854
Yxy	39.6515, 0.3983, 0.2927
Android (android.graphics.Color)	4294411944 (0xFFFF786A8)
YUV	171.6630, -1.8059, 66.0705
Hunter-Lab	62.9694, 42.7381, 4.6686

# Details

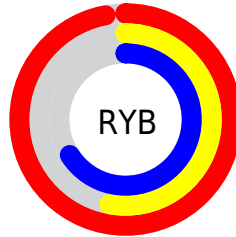
The Hex color **F786A8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86F7D5**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFBDDF**, and **BC5174** is the 20% darker color. If you saturate the color by 10%, you get **F76D97**, and if you desaturate by 10%, it is **F79FB9**.

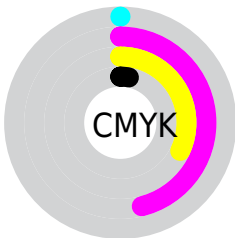
# Distribution



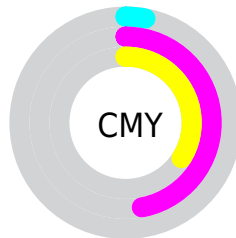
- Red (97%)
- Green (53%)
- Blue (66%)



- Red (97%)
- Yellow (53%)
- Blue (66%)



- Cyan (0%)
- Magenta (46%)
- Yellow (32%)
- Black (3%)



- Cyan (3%)
- Magenta (47%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F786A8 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 F786A8 by changing the saturation by 10% instead.



 F786A8

 F786A8

FFFFFF

 D96B8E

 FFBDDF

 BC5174

 FFDAFC

 9F365C

 FFF7FF

 831944

 67002E

 4C001A

 340002

 010000

 000000

 F786A8

 F786A8

 F76D97

 F79FB9

 F75585

 F7B7CB

 F73C74

 F7D0DC

 F72363

 F7E9ED

 F70B52

 F7FFFE

 F7004A

 F7FFFF

# Harmonies

## Analogous

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



E08ED2



F786A8



F78B7F

# Triad

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



F786A8



95B45F



00B8F3

# Complementary

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



F786A8



86F7D5

# 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.



00BED4



F786A8



5FBB80

# Square

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



F786A8



C0A752



00BFAA



67ACFD

# Rectangle

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



F786A8



EB9368



00BFAA



00BAEA



# Sweetspot

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



F786A8



FFDBE6



D386F7



806A70



000000



808080



# Same Dimension

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



F786A8



FF739D



F79B86



7A6E72



BA0038



3B0012



# Inverse Universe

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



F786A8



FF739D



86E2F7



7A6E72



BA0038



3B0012



# Previews

## White Background



This preview shows how the Hex color F786A8 looks on a white background.

## Color Contrast Check

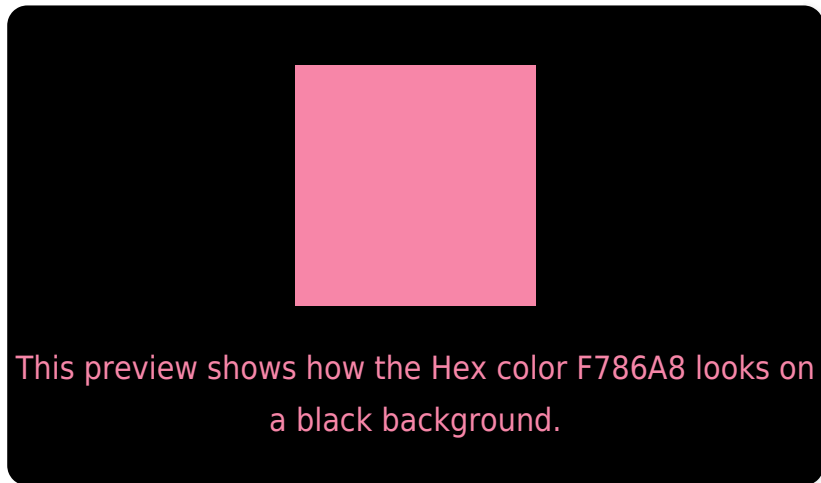
Large Text (above 18pt) WCAG AA × Fail

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 F786A8 Background



This preview shows how black text looks on a background with the Hex color F786A8.



This preview shows how white text looks on a background with the Hex color F786A8.

# 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**  
F58A94

# Trichromacy



**Original Color**  
F786A8



**Protanomaly**  
C49CB5



**Deuteranomaly**  
D199A5

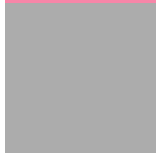


**Tritanomaly**  
F6899B

# Monochromacy



**Original Color**  
F786A8



**Achromatopsia**  
ACACAC



**Achromatomaly**  
C79EAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F786A8 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 #F786A8 looks like.

```
.text, #text, p{  
    color:#F786A8  
}
```

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 #F786A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F786A8
}
```

## Border

The CSS property to change the border of an element to Hex F786A8 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
#F786A8 }
```

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

```
.border{ border-color:#F786A8 }
```

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

Here you see how a box with a 4 pixel #F786A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F786A8; -webkit-box-shadow:4px 4px  
4px 4px #F786A8; box-shadow:4px 4px 4px  
4px #F786A8 }
```

# Background

The CSS property to change the background color of an element to Hex F786A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F786A8 }
```

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

```
.background{ background-color:#F786A8 }
```

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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