

Converting Colors

Hex(FF768A)

Have a look what the booklet for
Hex(FF768A) contains.

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Color

Hex(F768A)

Conversions

Conversions Part 1

Format	Color
Hex	FF768A
RGB	255, 118, 138
RGB Percent	100%, 46%, 54%
CMY	0.0000, 0.5373, 0.4588
CMYK	0.00, 0.54, 0.46, 0.00
HSL	351°, 100%, 73%
HSV	351°, 54%, 100%
XYZ	52.3059, 36.0518, 28.2466
YIQ	161.2430, 75.2320, 35.2640

Conversions

Conversions Part 2

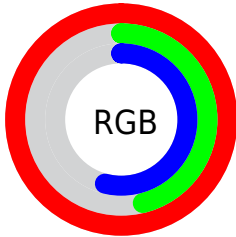
Format	Color
R _Y B	255, 118, 138
Decimal	16742026
CIE Lab	66.56, 53.88, 14.79
CIE LCh	67, 55.872, 15.348
Yxy	36.0518, 0.4486, 0.3092
Android (android.graphics.Color)	4294932106 (0xFFFF768A)
YUV	161.2430, -11.4588, 82.2249
Hunter-Lab	60.0432, 50.4225, 14.1379

Details

The Hex color **FF768A** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **76FFEB**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFAEBF**, and **C23F58** is the 20% darker color. If you saturate the color by 10%, you get **FF5D74**, and if you desaturate by 10%, it is **FF90A0**.

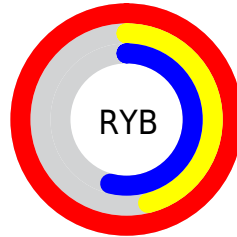
Distribution



Red (100%)

Green (46%)

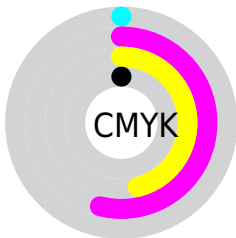
Blue (54%)



Red (100%)

Yellow (46%)

Blue (54%)

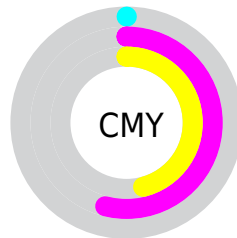


Cyan (0%)

Magenta (54%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF768A 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 FF768A by changing the saturation by 10% instead.

 FF768A

 FF768A

FFFFFF

 E05B71

 FFAEBF

 C23F58

 FFCADB

 A42041

 FFE7F8

 86002B

 690017

 4D0000

 310002

 000000

 FF768A

 FF768A

■ FF5D74

■ FF90A0

■ FF435E

■ FFA9B6

■ FF2A49

■ FFC3CB

■ FF1033

■ FFDCE1

■ FF0025

■ FFF6F7

FFFFFF

Harmonies

Analogous

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



F179BD



FF768A



F3835C

Triad

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



FF768A



6CB358



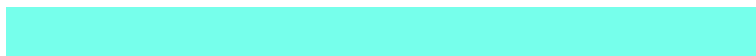
00AEFF

Complementary

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



FF768A



76FFEB

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.



00B8E8



FF768A



00B987

Square

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



FF768A



A5A73A



00BBBB



789EFF

Rectangle

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



FF768A



DF9045



00BBBB



00B2FD

Sweetspot

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



FF768A



FFD6DC



EA76FF



80676B



000000



808080

Same Dimension

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



FF768A



FF5C74



FFA676



807375



BF001C



400009

Inverse Universe

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



FF768A



FF5C74



76CFFF



807375



BF001C



400009

Previews

White Background



This preview shows how the Hex color FF768A looks on a white background.

Color Contrast Check

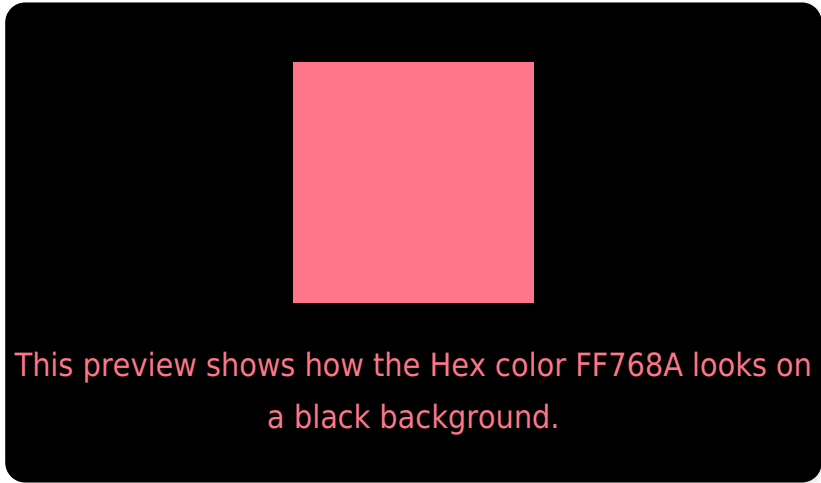
Large Text (above 18pt) WCAG AA × Fail

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 FF768A Background



This preview shows how black text looks on a background with the Hex color FF768A.

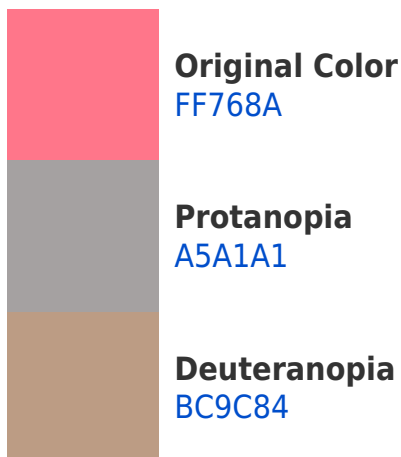


This preview shows how white text looks on a background with the Hex color FF768A.

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
FE7880

Trichromacy



Original Color
FF768A



Protanomaly
C69199



Deuteranomaly
D48E86



Tritanomaly
FE7784

Monochromacy



Original Color
FF768A



Achromatopsia
A1A1A1



Achromatomaly
C39199

CSS Examples

Text

The CSS property to change the color of the text to Hex FF768A 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 #FF768A looks like.

```
.text, #text, p{  
    color:#FF768A  
}
```

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 #FF768A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF768A
}
```

Border

The CSS property to change the border of an element to Hex FF768A 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
#FF768A }
```

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

```
.border{ border-color:#FF768A }
```

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

Here you see how a box with a 4 pixel #FF768A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF768A; -webkit-box-shadow:4px 4px  
4px 4px #FF768A; box-shadow:4px 4px 4px  
4px #FF768A }
```

Background

The CSS property to change the background color of an element to Hex FF768A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF768A }
```

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

```
.background{ background-color:#FF768A }
```

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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