

# Converting Colors

Hex(FF6A7A)

Have a look what the booklet for  
Hex(FF6A7A) contains.

<b>Hex(FF6A7A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F6A7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6A7A
RGB	255, 106, 122
RGB Percent	100%, 42%, 48%
CMY	0.0000, 0.5843, 0.5216
CMYK	0.00, 0.58, 0.52, 0.00
HSL	354°, 100%, 71%
HSV	354°, 58%, 100%
XYZ	49.9069, 32.9732, 22.1464
YIQ	152.3750, 83.6680, 36.5640

# Conversions

## Conversions Part 2

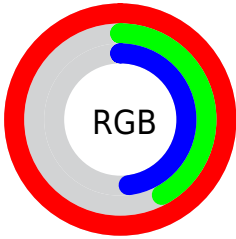
Format	Color
R <sub>Y</sub> B	255, 106, 122
Decimal	16738938
CIE Lab	64.14, 57.95, 20.55
CIE LCh	64, 61.485, 19.527
Yxy	32.9732, 0.4752, 0.3140
Android (android.graphics.Color)	4294929018 (0xFFFF6A7A)
YUV	152.3750, -14.9749, 90.0021
Hunter-Lab	57.4223, 54.6489, 17.3288

# Details

The Hex color **FF6A7A** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **6AFFEF**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFA2AE**, and **C1304A** is the 20% darker color. If you saturate the color by 10%, you get **FF5163**, and if you desaturate by 10%, it is **FF8491**.

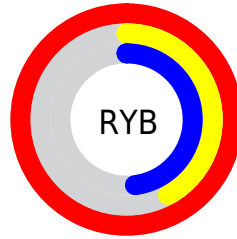
# Distribution



Red (100%)

Green (42%)

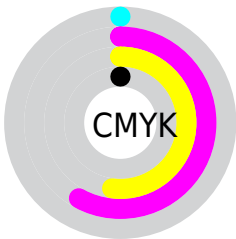
Blue (48%)



Red (100%)

Yellow (42%)

Blue (48%)

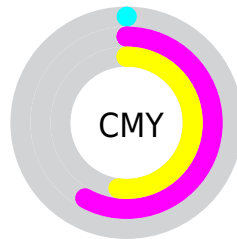


Cyan (0%)

Magenta (58%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF6A7A 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 FF6A7A by changing the saturation by 10% instead.



 FF6A7A

 FF6A7A

FFFFFF

 E04E61

 FFA2AE

 C1304A

 FFBFCA

 A20533

 FFDCE6

 84001E

 FFF9FF

 670007

 4A0001

 2D0001

 000000

 FF6A7A

 FF6A7A

■ FF5163

■ FF8491

■ FF374C

■ FF9DA8

■ FF1E36

■ FFB7BE

■ FF041F

■ FFD0D5

■ FF001B

■ FFEAEC

FFFFFF

# Harmonies

## Analogous

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



F56AB1



FF6A7A



EE7C49

# Triad

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



FF6A7A



52AF50



00A7FF

# Complementary

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



FF6A7A



6AFFEF

# 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.



00B2EE



FF6A7A



00B586

# Square

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



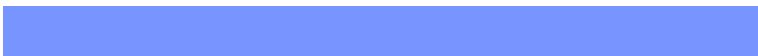
FF6A7A



96A428



00B6BF



7895FF

# Rectangle

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



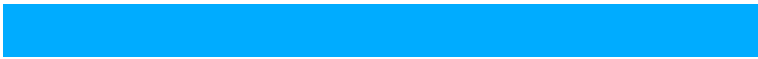
FF6A7A



D68B2F



00B6BF



00ACFF



# Sweetspot

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



FF6A7A



FFD1D6



EE6AFF



806366



000000



808080



# Same Dimension

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



FF6A7A



FF4D60



FFA36A



807374



BF0015



400007



# Inverse Universe

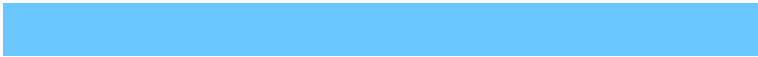
The Inverse Universe completely reimagines the original color for something new.



FF6A7A



FF4D60



6AC6FF



807374



BF0015



400007



# Previews

## White Background



This preview shows how the Hex color FF6A7A looks on a white background.

## Color Contrast Check

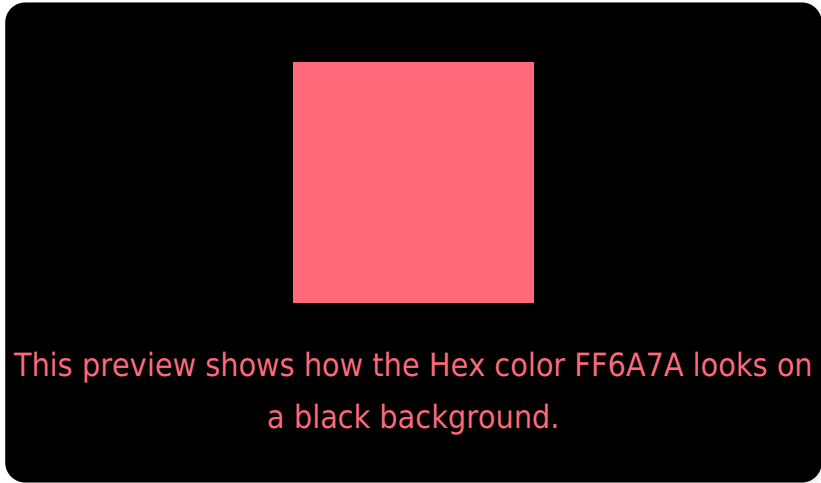
Large Text (above 18pt) WCAG AA × Fail

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 FF6A7A Background



This preview shows how black text looks on a background with the Hex color FF6A7A.

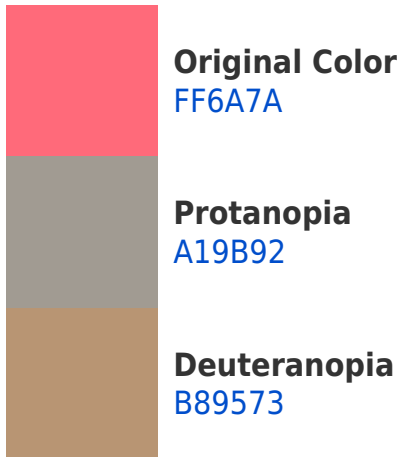


This preview shows how white text looks on a background with the Hex color FF6A7A.

# 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](#).

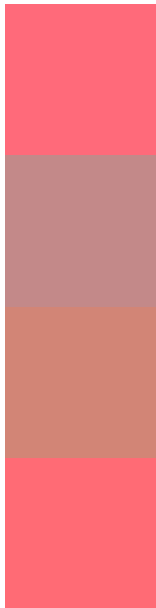
## Dichromacy





**Tritanopia**  
FF6B72

# Trichromacy



**Original Color**  
FF6A7A

**Protanomaly**  
C38989

**Deuteranomaly**  
D28576

**Tritanomaly**  
FF6B75

# Monochromacy



**Original Color**  
FF6A7A

**Achromatopsia**  
989898

**Achromatomaly**  
BD878D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF6A7A 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 #FF6A7A looks like.

```
.text, #text, p{  
    color:#FF6A7A  
}
```

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 #FF6A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6A7A
}
```

## Border

The CSS property to change the border of an element to Hex FF6A7A 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
#FF6A7A }
```

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

```
.border{ border-color:#FF6A7A }
```

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

Here you see how a box with a 4 pixel #FF6A7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6A7A; -webkit-box-shadow:4px 4px  
4px 4px #FF6A7A; box-shadow:4px 4px 4px  
4px #FF6A7A }
```

# Background

The CSS property to change the background color of an element to Hex FF6A7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6A7A }
```

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

```
.background{ background-color:#FF6A7A }
```

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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