

# Converting Colors

Hex(FF6778)

Have a look what the booklet for  
Hex(FF6778) contains.

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# **Color**

**Hex(F6778)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF6778
RGB	255, 103, 120
RGB Percent	100%, 40%, 47%
CMY	0.0000, 0.5961, 0.5294
CMYK	0.00, 0.60, 0.53, 0.00
HSL	353°, 100%, 70%
HSV	353°, 60%, 100%
XYZ	49.4804, 32.3166, 21.3991
YIQ	150.3860, 85.1350, 37.5110

# Conversions

## Conversions Part 2

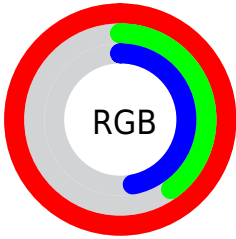
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 103, 120
Decimal	16738168
CIELab	63.60, 59.11, 20.97
CIELCh	64, 62.714, 19.531
Yxy	32.3166, 0.4795, 0.3132
Android (android.graphics.Color)	4294928248 (0xFFFF6778)
YUV	150.3860, -14.9803, 91.7465
Hunter-Lab	56.8477, 55.8837, 17.4749

# Details

The Hex color **FF6778** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **67FFEE**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF9FAC**, and **C12C48** is the 20% darker color. If you saturate the color by 10%, you get **FF4E61**, and if you desaturate by 10%, it is **FF818F**.

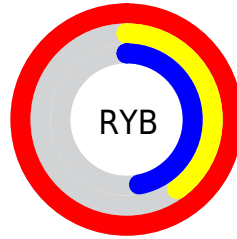
# Distribution



Red (100%)

Green (40%)

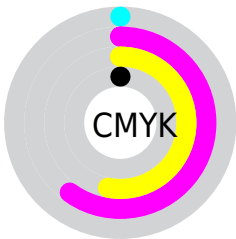
Blue (47%)



Red (100%)

Yellow (40%)

Blue (47%)

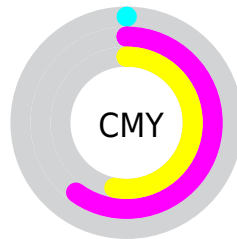


Cyan (0%)

Magenta (60%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (60%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF6778 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 FF6778 by changing the saturation by 10% instead.



 FF6778

 FF6778

FFFFFF

 E04B5F

 FF9FAC

 C12C48

 FFBC7

 A20032

 FFD9E3

 84001D

 FFF7FF

 660004

 490001

 2C0001

 000000

 FF6778

 FF6778

 FF4E61

 FF818F

 FF344B

 FF9AA5

 FF1A34

 FFB3BC

 FF011D

 FFCDD3

 FF001D

 FFE7E9

FFFFFF

# Harmonies

## Analogous

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



F567B0



FF6778



ED7A46

# Triad

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



FF6778



4FAE4D



00A6FF

# Complementary

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



FF6778



67FFEE

# 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.



00B1EE



FF6778



00B384

# Square

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



FF6778



94A223



00B5BE



7593FF

# Rectangle

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



FF6778



D6892B



00B5BE



00ABFF



# Sweetspot

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



FF6778



FFD1D6



ED67FF



806367



000000



808080



# Same Dimension

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



FF6778



FF475C



FFA167



807374



BF0015



400007



# Inverse Universe

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



FF6778



FF475C



67C5FF



807374



BF0015



400007



# Previews

## White Background



This preview shows how the Hex color FF6778 looks on a white background.

## Color Contrast Check

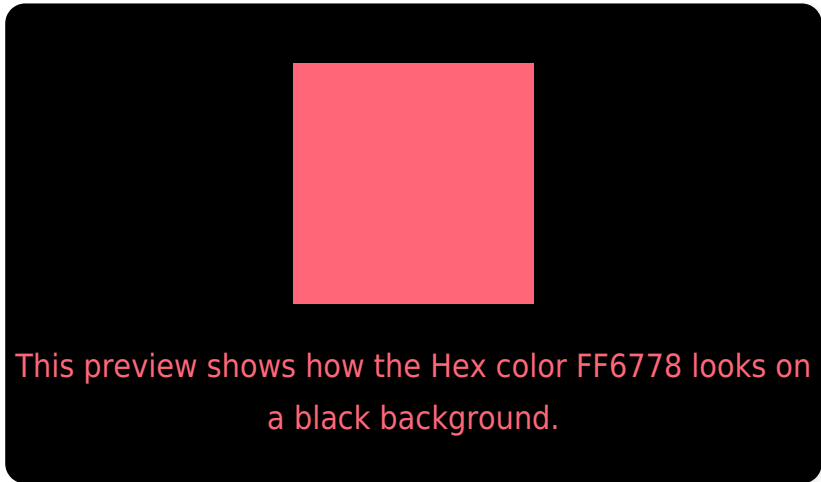
Large Text (above 18pt) WCAG AA × Fail

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 FF6778 Background



This preview shows how black text looks on a background with the Hex color FF6778.



This preview shows how white text looks on a background with the Hex color FF6778.

# 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](#).

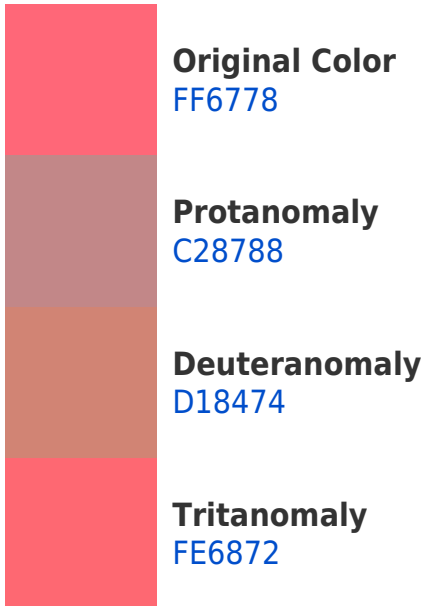
## Dichromacy



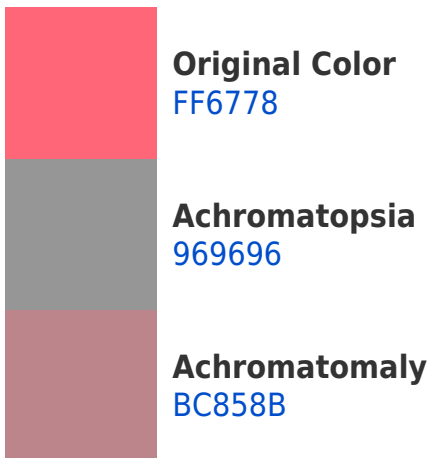


**Tritanopia**  
FE686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF6778 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 #FF6778 looks like.

```
.text, #text, p{  
    color:#FF6778  
}
```

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 #FF6778 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF6778
}
```

## Border

The CSS property to change the border of an element to Hex FF6778 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
#FF6778 }
```

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

```
.border{ border-color:#FF6778 }
```

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

Here you see how a box with a 4 pixel #FF6778 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF6778; -webkit-box-shadow:4px 4px  
4px 4px #FF6778; box-shadow:4px 4px 4px  
4px #FF6778 }
```

# Background

The CSS property to change the background color of an element to Hex FF6778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF6778 }
```

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

```
.background{ background-color:#FF6778 }
```

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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