

# Converting Colors

Hex(F76378)

Have a look what the booklet for  
Hex(F76378) contains.

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# **Color**

**Hex(F76378)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F76378
RGB	247, 99, 120
RGB Percent	97%, 39%, 47%
CMY	0.0314, 0.6118, 0.5294
CMYK	0.00, 0.60, 0.51, 0.03
HSL	351°, 90%, 68%
HSV	351°, 60%, 97%
XYZ	46.2098, 30.0539, 21.1348
YIQ	145.6460, 81.4670, 37.9070

# Conversions

## Conversions Part 2

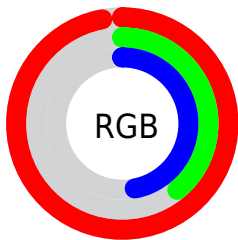
Format	Color
R <sub>YB</sub>	247, 99, 120
Decimal	16212856
CIE <sub>Lab</sub>	61.70, 58.24, 18.17
CIE <sub>LCh</sub>	62, 61.010, 17.323
Yxy	30.0539, 0.4744, 0.3086
Android (android.graphics.Color)	4294402936 (0xFFFF76378)
YUV	145.6460, -12.6435, 88.8875
Hunter-Lab	54.8214, 54.5227, 15.5175

# Details

The Hex color **F76378** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **63F7E2**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FF9BAC**, and **B92848** is the 20% darker color. If you saturate the color by 10%, you get **F74A63**, and if you desaturate by 10%, it is **F77C8D**.

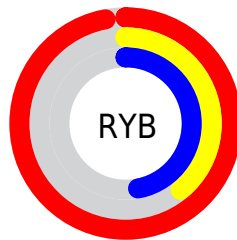
# Distribution



Red (97%)

Green (39%)

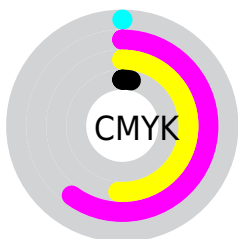
Blue (47%)



Red (97%)

Yellow (39%)

Blue (47%)

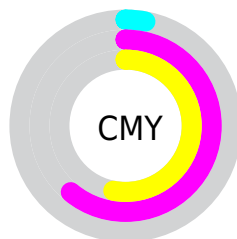


Cyan (0%)

Magenta (60%)

Yellow (51%)

Black (3%)



Cyan (3%)

Magenta (61%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F76378 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 F76378 by changing the saturation by 10% instead.



 F76378

 F76378

FFFFFF

 D8475F

 FF9BAC

 B92848

 FFB8C7

 9B0032

 FFD5E3

 7D001D

 FFF2FF

 600004

 440002

 240001

 000000

 F76378

 F76378

 F74A63

 F77C8D

 F7324E

 F794A2

 F71938

 F7ADB8

 F70023

 F7C6CD

 F7DFE2

 F7F7F7

 F7FFFF

# Harmonies

## Analogous

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



EB65AE



F76378



E77447

# Triad

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



F76378



53A747



00A2FE

# Complementary

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



F76378



63F7E2

# 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.



00ABE4



F76378



00AD7B

# Square

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



F76378



939C20



00AFB4



6990FD

# Rectangle

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



F76378



D1832C



00AFB4



00A6F8



# Sweetspot

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



F76378



FFD1D8



E163F7



806367



000000



808080



# Same Dimension

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



F76378



FF4761



F79763



7A6E70



BA001A



3B0008



# Inverse Universe

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



F76378



FF4761



63C3F7



7A6E70



BA001A



3B0008



# Previews

## White Background



This preview shows how the Hex color F76378 looks on a white background.

## Color Contrast Check

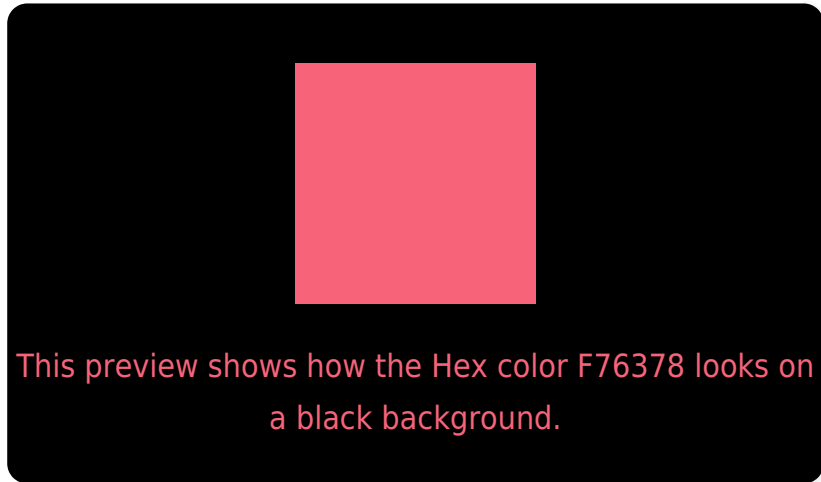
Large Text (above 18pt) WCAG AA ✓ Pass

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 F76378 Background



This preview shows how black text looks on a background with the Hex color F76378.

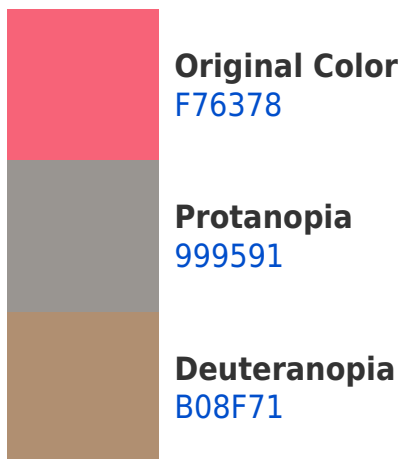



This preview shows how white text looks on a background with the Hex color F76378.

# 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](#).

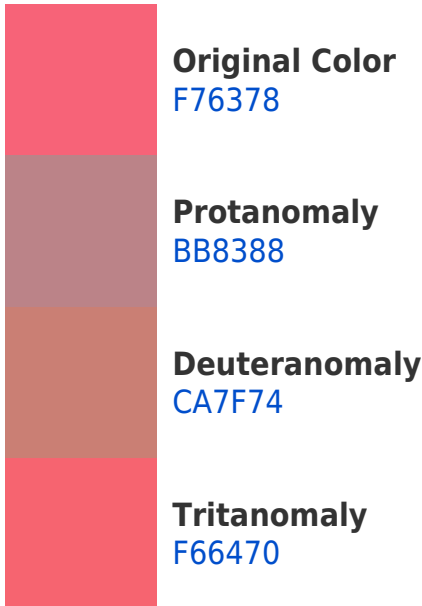
## Dichromacy



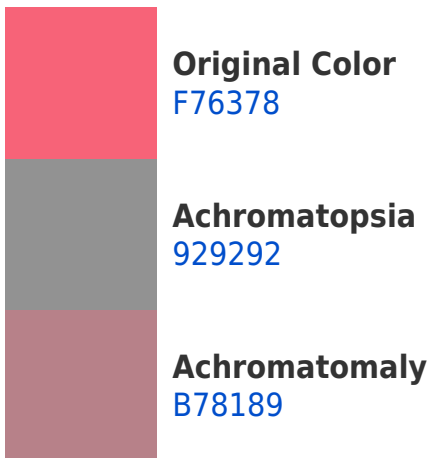


**Tritanopia**  
F6656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F76378 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 #F76378 looks like.

```
.text, #text, p{  
    color:#F76378  
}
```

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 #F76378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F76378
}
```

## Border

The CSS property to change the border of an element to Hex F76378 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
#F76378 }
```

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

```
.border{ border-color:#F76378 }
```

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

Here you see how a box with a 4 pixel #F76378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F76378; -webkit-box-shadow:4px 4px  
4px 4px #F76378; box-shadow:4px 4px 4px  
4px #F76378 }
```

# Background

The CSS property to change the background color of an element to Hex F76378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F76378 }
```

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

```
.background{ background-color:#F76378 }
```

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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