

# Converting Colors

Hex(F6728D)

Have a look what the booklet for  
Hex(F6728D) contains.

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**Color**

**Hex(F6728D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6728D
RGB	246, 114, 141
RGB Percent	96%, 45%, 55%
CMY	0.0353, 0.5529, 0.4471
CMYK	0.00, 0.54, 0.43, 0.04
HSL	348°, 88%, 71%
HSV	348°, 54%, 96%
XYZ	48.8311, 33.5505, 29.1015
YIQ	156.5460, 70.0050, 36.3810

# Conversions

## Conversions Part 2

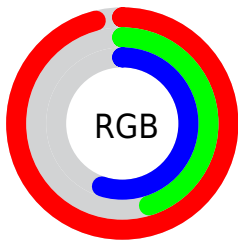
Format	Color
R <sub>Y</sub> B	246, 114, 141
Decimal	16151181
CIE Lab	64.60, 53.03, 10.14
CIE LCh	65, 53.986, 10.829
Yxy	33.5505, 0.4380, 0.3009
Android (android.graphics.Color)	4294341261 (0xFFFF6728D)
YUV	156.5460, -7.6642, 78.4512
Hunter-Lab	57.9228, 49.1171, 10.7576

# Details

The Hex color **F6728D** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **72F6DB**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFA9C2**, and **BA3B5B** is the 20% darker color. If you saturate the color by 10%, you get **F65979**, and if you desaturate by 10%, it is **F68BA1**.

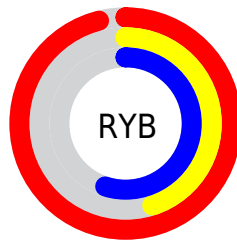
# Distribution



Red (96%)

Green (45%)

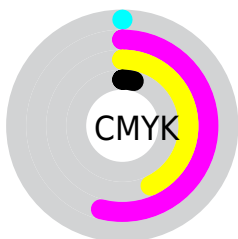
Blue (55%)



Red (96%)

Yellow (45%)

Blue (55%)

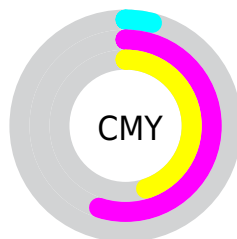


Cyan (0%)

Magenta (54%)

Yellow (43%)

Black (4%)



Cyan (4%)

Magenta (55%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6728D 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 F6728D by changing the saturation by 10% instead.



 F6728D

 F6728D

FFFFFF

 D85774

 FFA9C2

 BA3B5B

 FFC6DE

 9C1C44

 FFE3FB

 7F002E

 62001A

 470001

 2A0001

 000000

 F6728D

 F6728D

 F65979

 F68BA1

 F64166

 F6A3B4

 F62852

 F6BCC8

 F6103F

 F6D4DB

 F60032

 F6EDEF

 F6FFFF

# Harmonies

## Analogous

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



E577BE



F6728D



EE7D60

# Triad

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



F6728D



72AC50



00AAF7

# Complementary

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



F6728D



72F6DB

# 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.



00B2DB



F6728D



10B27B

# Square

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



F6728D



A7A038



00B5AD



659CFC

# Rectangle

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



F6728D



DC8948



00B5AD



00AEF0



# Sweetspot

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



F6728D



FFD6DF



D972F6



80676C



000000



808080



# Same Dimension

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



F6728D



FF5C7D



F69772



7A6E71



BA0026



3B000C



# Inverse Universe

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



F6728D



FF5C7D



72D1F6



7A6E71



BA0026



3B000C



# Previews

## White Background



This preview shows how the Hex color F6728D looks on a white background.

## Color Contrast Check

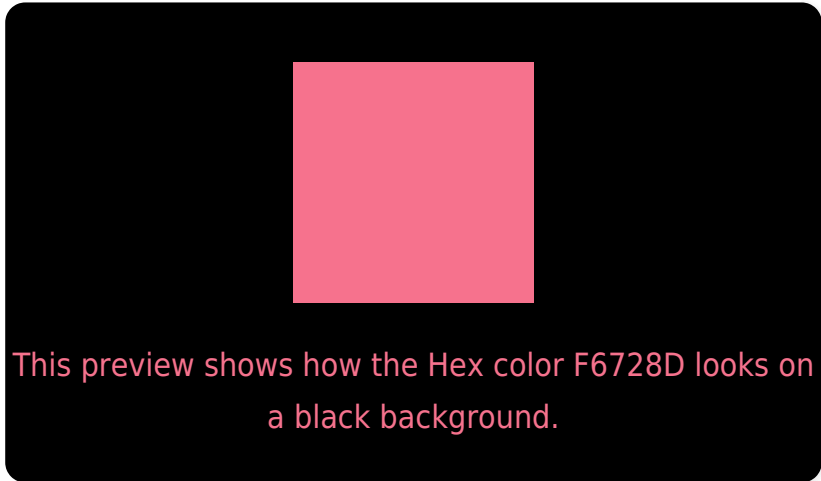
Large Text (above 18pt) WCAG AA × Fail

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 F6728D Background



This preview shows how black text looks on a background with the Hex color F6728D.



This preview shows how white text looks on a background with the Hex color F6728D.

# 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



**Original Color**  
F6728D

**Protanopia**  
9E9CA4

**Deuteranopia**  
B49787



**Tritanopia**  
F5757D

# Trichromacy



**Original Color**  
F6728D



**Protanomaly**  
BE8D9C



**Deuteranomaly**  
CC8A89

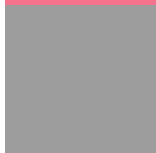


**Tritanomaly**  
F57483

# Monochromacy



**Original Color**  
F6728D



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
BD8D97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6728D 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 #F6728D looks like.

```
.text, #text, p{  
    color:#F6728D  
}
```

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 #F6728D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6728D
}
```

## Border

The CSS property to change the border of an element to Hex F6728D 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
#F6728D }
```

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

```
.border{ border-color:#F6728D }
```

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

Here you see how a box with a 4 pixel #F6728D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6728D; -webkit-box-shadow:4px 4px  
4px 4px #F6728D; box-shadow:4px 4px 4px  
4px #F6728D }
```

# Background

The CSS property to change the background color of an element to Hex F6728D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6728D }
```

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

```
.background{ background-color:#F6728D }
```

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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