

# Converting Colors

Hex(FC6689)

Have a look what the booklet for  
Hex(FC6689) contains.

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# **Color**

**Hex(FC6689)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC6689
RGB	252, 102, 137
RGB Percent	99%, 40%, 54%
CMY	0.0118, 0.6000, 0.4627
CMYK	0.00, 0.60, 0.46, 0.01
HSL	346°, 96%, 69%
HSV	346°, 60%, 99%
XYZ	49.4116, 32.0043, 27.2401
YIQ	150.8400, 78.1650, 42.6850

# Conversions

## Conversions Part 2

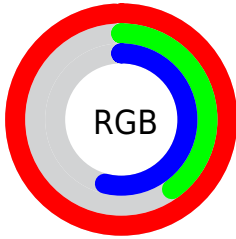
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 102, 137
Decimal	16541321
CIE Lab	63.35, 60.03, 10.78
CIE LCh	63, 60.988, 10.183
Yxy	32.0043, 0.4548, 0.2945
Android (android.graphics.Color)	4294731401 (0xFFFC6689)
YUV	150.8400, -6.8231, 88.7173
Hunter-Lab	56.5724, 56.9044, 11.0520

# Details

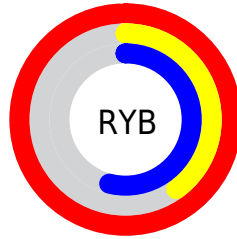
The Hex color **FC6689** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **66FCD9**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FF9EBE**, and **BF2A57** is the 20% darker color. If you saturate the color by 10%, you get **FC4D76**, and if you desaturate by 10%, it is **FC7F9C**.

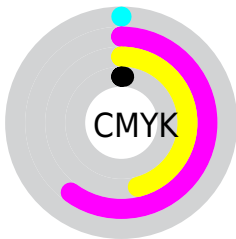
# Distribution



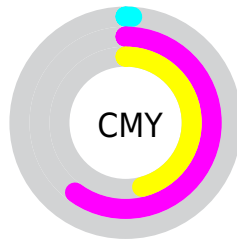
- Red (99%)
- Green (40%)
- Blue (54%)



- Red (99%)
- Yellow (40%)
- Blue (54%)



- Cyan (0%)
- Magenta (60%)
- Yellow (46%)
- Black (1%)



- Cyan (1%)
- Magenta (60%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC6689 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 FC6689 by changing the saturation by 10% instead.



 FC6689

 FC6689

FFFFFF

 DD4970

 FF9EBE

 BF2A57

 FFBBDA

 A00040

 FFD8F6

 83002B

 FFF6FF

 650017

 490002

 2C0001

 000000

 FC6689

 FC6689

 FC4D76

 FC7F9C

 FC3462

 FC98B0

 FC1A4F

 FCB2C3

 FC013C

 FCCBD6

 FC003B

 FCE4EA

 FCFDFD

 FCFFFF

# Harmonies

## Analogous

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



E96DBF



FC6689



F27456

# Triad

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



FC6689



69AA41



00A9FF

# Complementary

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



FC6689



66FCD9

# 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.



00B1DE



FC6689



00B172

# Square

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



FC6689



A49D21



00B3AB



4C99FF

# Rectangle

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



FC6689



DF8239



00B3AB



00ADF7



# Sweetspot

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



FC6689



FFD1DC



D966FC



80636A



000000



808080



# Same Dimension

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



FC6689



FF4A74



FC8E66



7D7073



BD002C



3D000E



# Inverse Universe

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



FC6689



FF4A74



66D4FC



7D7073



BD002C



3D000E



# Previews

## White Background



This preview shows how the Hex color FC6689 looks on a white background.

## Color Contrast Check

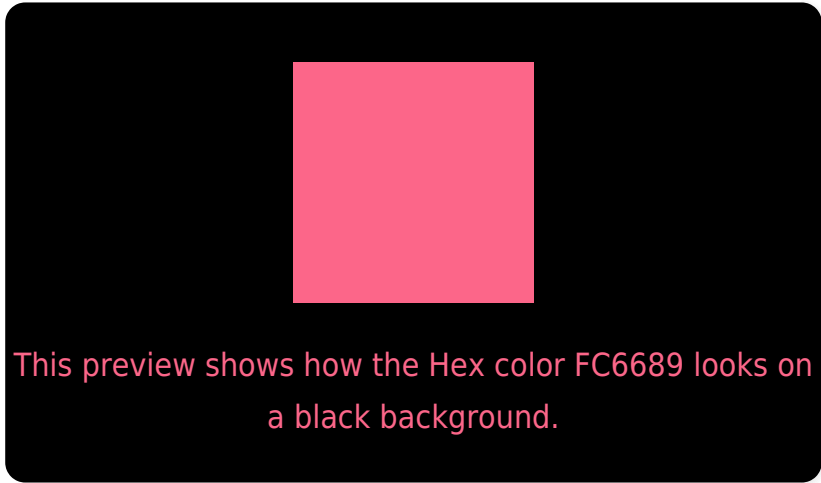
Large Text (above 18pt) WCAG AA × Fail

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 FC6689 Background



This preview shows how black text looks on a background with the Hex color FC6689.

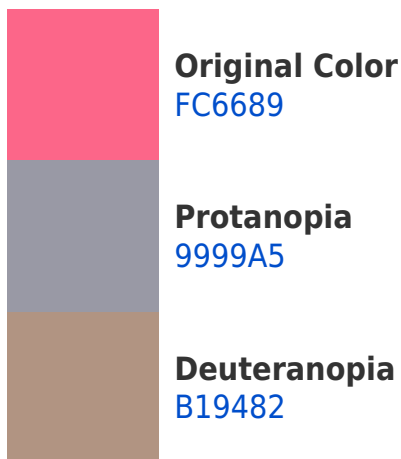



This preview shows how white text looks on a background with the Hex color FC6689.

# 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**  
FA6A71

# Trichromacy



**Original Color**  
FC6689



**Protanomaly**  
BD869B



**Deuteranomaly**  
CC8385



**Tritanomaly**  
FB697A

# Monochromacy



**Original Color**  
FC6689



**Achromatopsia**  
979797



**Achromatomaly**  
BC8592

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC6689 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 #FC6689 looks like.

```
.text, #text, p{  
    color:#FC6689  
}
```

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 #FC6689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC6689
}
```

## Border

The CSS property to change the border of an element to Hex FC6689 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
#FC6689 }
```

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

```
.border{ border-color:#FC6689 }
```

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

Here you see how a box with a 4 pixel #FC6689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC6689; -webkit-box-shadow:4px 4px  
4px 4px #FC6689; box-shadow:4px 4px 4px  
4px #FC6689 }
```

# Background

The CSS property to change the background color of an element to Hex FC6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC6689 }
```

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

```
.background{ background-color:#FC6689 }
```

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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