

# Converting Colors

Hex(FF006D)

Have a look what the booklet for  
Hex(FF006D) contains.

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**Color**

**Hex(F006D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF006D
RGB	255, 0, 109
RGB Percent	100%, 0%, 43%
CMY	0.0000, 1.0000, 0.5725
CMYK	0.00, 1.00, 0.57, 0.00
HSL	334°, 100%, 50%
HSV	334°, 100%, 100%
XYZ	44.0003, 22.3641, 16.4656
YIQ	88.6710, 116.9910, 87.9590

# Conversions

## Conversions Part 2

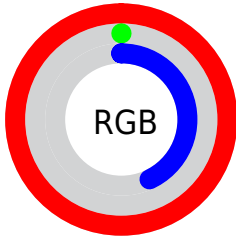
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 0, 109
Decimal	16711789
CIE <sub>Lab</sub>	54.41, 83.29, 14.84
CIE <sub>LCh</sub>	54, 84.606, 10.105
Yxy	22.3641, 0.5312, 0.2700
Android (android.graphics.Color)	4294901869 (0xFFFF006D)
YUV	88.6710, 10.0222, 145.8705
Hunter-Lab	47.2907, 83.3215, 12.4600

# Details

The Hex color **FF006D** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **00FF92**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF63A0**, and **BE003E** is the 20% darker color. If you saturate the color by 10%, you get **FF006D**, and if you desaturate by 10%, it is **FF197C**.

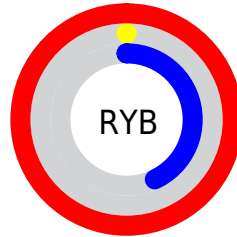
# Distribution



Red (100%)

Green (0%)

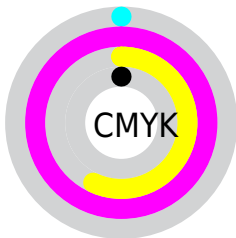
Blue (43%)



Red (100%)

Yellow (0%)

Blue (43%)

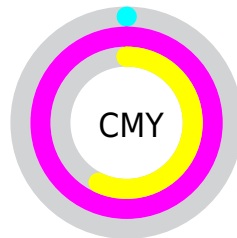


Cyan (0%)

Magenta (100%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (100%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF006D 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 FF006D by changing the saturation by 10% instead.



 FF006D

 FF006D

FFFFFF

 DF0055

 FF63A0

 BE003E

 FF83BB

 9F0029

 FFA2D7

 7F0016

 FFC0F3

 600004

 FFDFFF

 400003

FFFEFF

 1E0001

 000000

 FF006D

 FF197C

 FF338A

 FF4D99

 FF66A7

 FF80B6

 FF99C5

 FFB3D3

 FFCCE2

 FFE6F0

# Harmonies

## Analogous

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



E92BB6



FF006D



EF4125

# Triad

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



FF006D



2B9600



0098FF

# Complementary

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



FF006D



00FF92

# 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.



00A0E0



FF006D



009E4D

# Square

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



FF06D



888700



00A19A



0084FF

# Rectangle

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



FF006D



D56000



00A19A



009BFF



# Sweetspot

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



FF006D



FFB3D3



9000FF



805265



000000



808080



# Same Dimension

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



FF006D



FF1100



807378



BF0052



40001B

# Inverse Universe

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



FF006D



00EEFF



807378



BF0052



40001B

# Previews

## White Background



This preview shows how the Hex color FF006D looks on a white background.

## Color Contrast Check

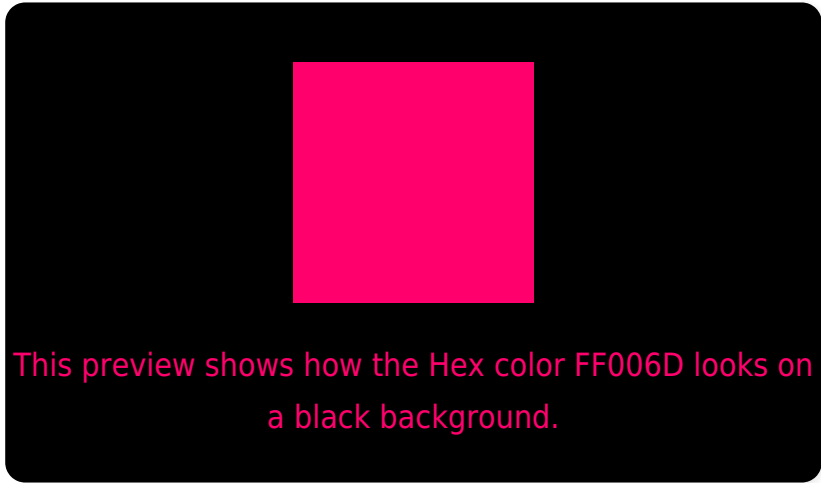
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## Hex FF006D Background



This preview shows how black text looks on a background with the Hex color FF006D.

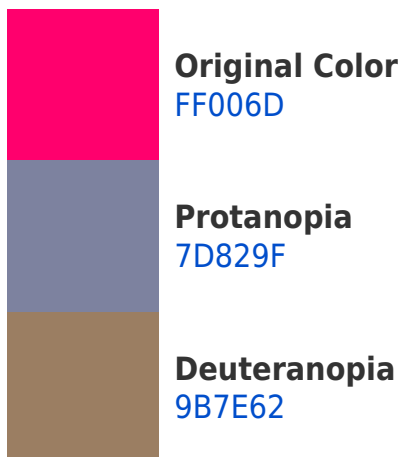


This preview shows how white text looks on a background with the Hex color FF006D.

# 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







# Trichromacy



**Original Color**  
FF006D



**Protanomaly**  
AC538D



**Deuteranomaly**  
BF5066



**Tritanomaly**  
FD1C42

# Monochromacy



**Original Color**  
FF006D



**Achromatopsia**  
595959



**Achromatomaly**  
953960

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF006D 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 #FF006D looks like.

```
.text, #text, p{  
    color:#FF006D  
}
```

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 #FF006D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF006D
}
```

## Border

The CSS property to change the border of an element to Hex FF006D 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
#FF006D }
```

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

```
.border{ border-color:#FF006D }
```

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

Here you see how a box with a 4 pixel #FF006D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF006D; -webkit-box-shadow:4px 4px  
4px 4px #FF006D; box-shadow:4px 4px 4px  
4px #FF006D }
```

# Background

The CSS property to change the background color of an element to Hex FF006D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF006D }
```

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

```
.background{ background-color:#FF006D }
```

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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