

# Converting Colors

Hex(F0006B)

Have a look what the booklet for  
Hex(F0006B) contains.

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**Color**

**Hex(F0006B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0006B
RGB	240, 0, 107
RGB Percent	94%, 0%, 42%
CMY	0.0588, 1.0000, 0.5804
CMYK	0.00, 1.00, 0.55, 0.06
HSL	333°, 100%, 47%
HSV	333°, 100%, 94%
XYZ	38.5890, 19.5868, 15.6567
YIQ	83.9580, 108.6930, 84.1570

# Conversions

## Conversions Part 2

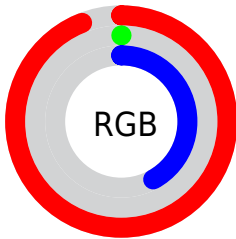
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 0, 107
Decimal	15728747
CIE <sub>Lab</sub>	51.37, 79.86, 11.37
CIE <sub>LCh</sub>	51, 80.667, 8.103
Yxy	19.5868, 0.5227, 0.2653
Android (android.graphics.Color)	4293918827 (0xFFFF0006B)
YUV	83.9580, 11.3597, 136.8488
Hunter-Lab	44.2570, 78.1899, 10.0050

# Details

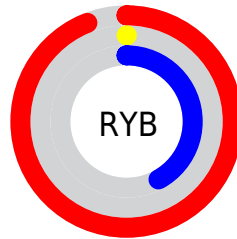
The Hex color **F0006B** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **00F085**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF609E**, and **B0003C** is the 20% darker color. If you saturate the color by 10%, you get **F0006B**, and if you desaturate by 10%, it is **F01878**.

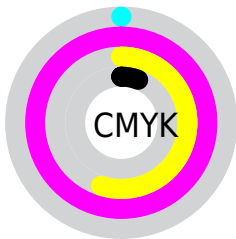
# Distribution



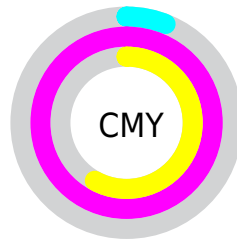
- Red (94%)
- Green (0%)
- Blue (42%)



- Red (94%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0006B 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 F0006B by changing the saturation by 10% instead.



 F0006B

 F0006B

FFFFFF

 D00053

 FF609E

 B0003C

 FF7FB9

 910027

 FF9ED4

 720013

 FFBCF1

 540004

 FFDAFF

 340002

 FFF9FF

 000000

 F0006B

 F01878

 F03086

 F04893

 F060A0

 F078AD

 F090BB

 F0A8C8

 F0C0D5

 F0D8E3

# Harmonies

## Analogous

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



D82DAF



F0006B



E33A28

# Triad

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



F0006B



328D00



0090FC

# Complementary

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



F0006B



00F085

# 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.



0096CF



F0006B



009443

# Square

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



F0006B



847E00



00978C



007EFF

# Rectangle

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



F0006B



CC5700



00978C



0093F0



# Sweetspot

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



F0006B



FFB3D5



8400F0



805266



000000



808080



# Same Dimension

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



F0006B



FF0072



F00C00



786C71



B80052



380019



# Inverse Universe

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



F0006B



FF0072



00E4F0



786C71



B80052



380019



# Previews

## White Background



This preview shows how the Hex color F0006B looks on a white background.

## Color Contrast Check

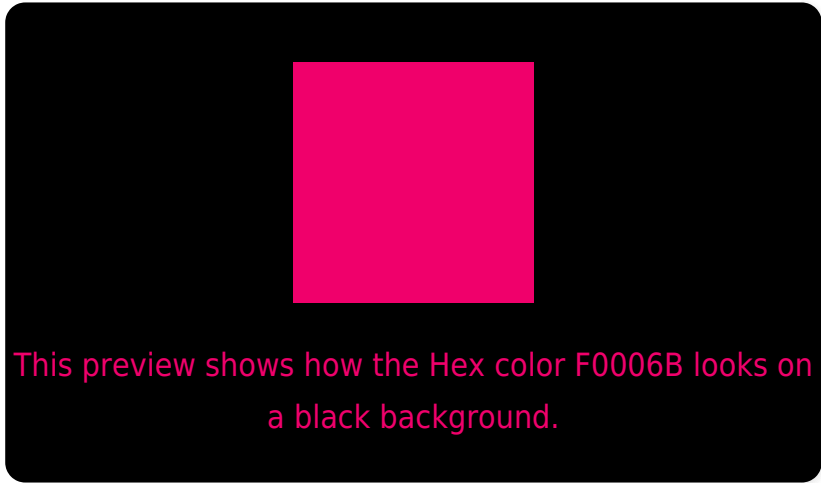
Large Text (above 18pt) WCAG AA ✓ Pass

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 F006B Background



This preview shows how black text looks on a background with the Hex color F006B.

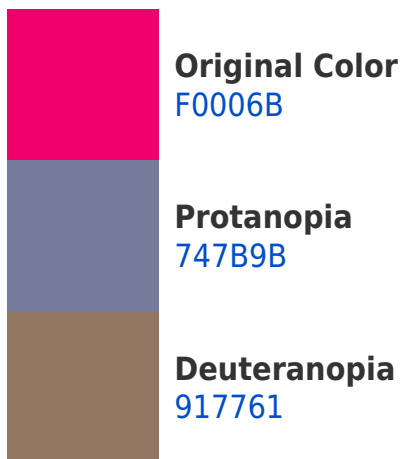


This preview shows how white text looks on a background with the Hex color F006B.

# 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**  
F0006B



**Protanomaly**  
A14E8A



**Deuteranomaly**  
B44C65



**Tritanomaly**  
EE1B42

# Monochromacy



**Original Color**  
F0006B



**Achromatopsia**  
545454



**Achromatomaly**  
8D355C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0006B 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 #F0006B looks like.

```
.text, #text, p{  
    color:#F0006B  
}
```

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 #F0006B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0006B
}
```

## Border

The CSS property to change the border of an element to Hex F0006B 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".

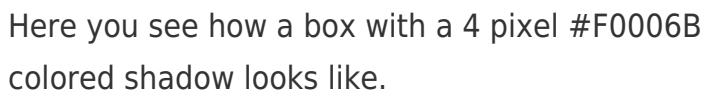
```
.border, #border, table{ border:4px solid
#F0006B }
```

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

```
.border{ border-color:#F0006B }
```

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

Here you see how a box with a 4 pixel #F0006B colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0006B; -webkit-box-shadow:4px 4px  
4px 4px #F0006B; box-shadow:4px 4px 4px  
4px #F0006B }
```

# Background

The CSS property to change the background color of an element to Hex F0006B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0006B }
```

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

```
.background{ background-color:#F0006B }
```

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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