

# Converting Colors

Hex(F50067)

Have a look what the booklet for  
Hex(F50067) contains.

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**Color**

**Hex(F50067)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F50067
RGB	245, 0, 103
RGB Percent	96%, 0%, 40%
CMY	0.0392, 1.0000, 0.5961
CMYK	0.00, 1.00, 0.58, 0.04
HSL	335°, 100%, 48%
HSV	335°, 100%, 96%
XYZ	40.1044, 20.3917, 14.6542
YIQ	84.9970, 112.9570, 83.9730

# Conversions

## Conversions Part 2

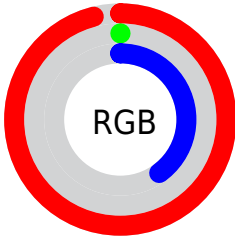
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 0, 103
Decimal	16056423
CIE <sub>Lab</sub>	52.28, 80.72, 15.23
CIE <sub>LCh</sub>	52, 82.145, 10.682
Yxy	20.3917, 0.5337, 0.2713
Android (android.graphics.Color)	4294246503 (0xFFFF50067)
YUV	84.9970, 8.8755, 140.3226
Hunter-Lab	45.1572, 79.5016, 12.3695

# Details

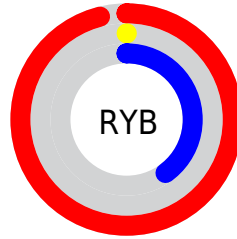
The Hex color **F50067** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **00F58E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF619A**, and **B50039** is the 20% darker color. If you saturate the color by 10%, you get **F50067**, and if you desaturate by 10%, it is **F51875**.

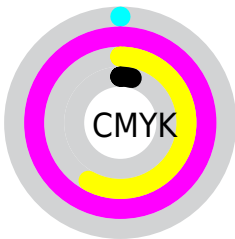
# Distribution



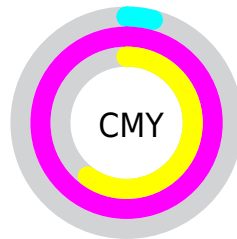
- Red (96%)
- Green (0%)
- Blue (40%)



- Red (96%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F50067 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 F50067 by changing the saturation by 10% instead.



 F50067

 F50067

FFFFFF

 D5004F

 FF619A

 B50039

 FF80B4

 950024

 FF9FD0

 76000F

 FFBDEC

 570004

 FFDBFF

 370002

 FFFAFF

 0B0000

 000000

 F50067

 F51875

 F53183

 F54A92

 F562A0

 F57BAE

 F593BC

 F5ABCA

 F5C4D9

 F5DDE7

# Harmonies

## Analogous

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



E028AD



F50067



E53F22

# Triad

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



F50067



259000



0091FF

# Complementary

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



F50067



00F58E

# 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.



0099D8



F50067



00974B

# Square

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



F50067



818200



009A95



007EFF

# Rectangle

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



F50067



CC5C00



009A95



0095F8



# Sweetspot

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



F50067



FFB3D3



8B00F5



805265



000000



808080



# Same Dimension

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



F50067



FF006B



F51000



7A6E73



BA004E



3B0019



# Inverse Universe

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



F50067



FF006B



00E5F5



7A6E73



BA004E



3B0019



# Previews

## White Background



This preview shows how the Hex color F50067 looks on a white background.

## Color Contrast Check

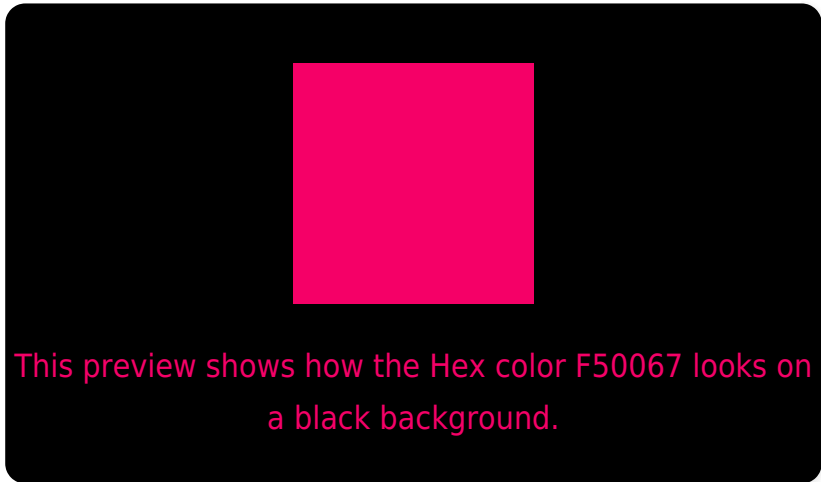
Large Text (above 18pt) WCAG AA ✓ Pass

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 F50067 Background



This preview shows how black text looks on a background with the Hex color F50067.

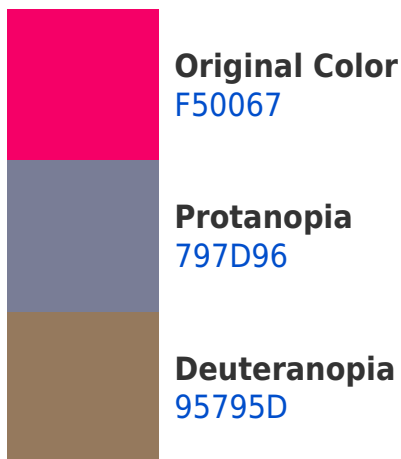


This preview shows how white text looks on a background with the Hex color F50067.

# 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**  
F32927

# Trichromacy



**Original Color**  
F50067



**Protanomaly**  
A65085



**Deuteranomaly**  
B84D61



**Tritanomaly**  
F41A3E

# Monochromacy



**Original Color**  
F50067



**Achromatopsia**  
555555



**Achromatomaly**  
8F365C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F50067 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 #F50067 looks like.

```
.text, #text, p{  
    color:#F50067  
}
```

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 #F50067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F50067
}
```

## Border

The CSS property to change the border of an element to Hex F50067 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".

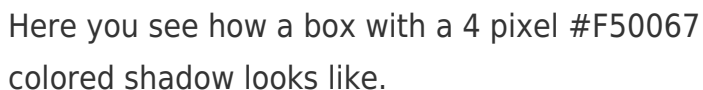
```
.border, #border, table{ border:4px solid
#F50067 }
```

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

```
.border{ border-color:#F50067 }
```

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

Here you see how a box with a 4 pixel #F50067 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F50067; -webkit-box-shadow:4px 4px  
4px 4px #F50067; box-shadow:4px 4px 4px  
4px #F50067 }
```

# Background

The CSS property to change the background color of an element to Hex F50067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F50067 }
```

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

```
.background{ background-color:#F50067 }
```

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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