

# Converting Colors

Hex(F80065)

Have a look what the booklet for  
Hex(F80065) contains.

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**Color**

**Hex(F80065)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F80065
RGB	248, 0, 101
RGB Percent	97%, 0%, 40%
CMY	0.0275, 1.0000, 0.6039
CMYK	0.00, 1.00, 0.59, 0.03
HSL	336°, 100%, 49%
HSV	336°, 100%, 97%
XYZ	41.0604, 20.8960, 14.1811
YIQ	85.6660, 115.3870, 83.9870

# Conversions

## Conversions Part 2

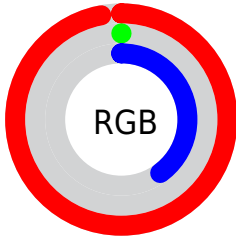
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 0, 101
Decimal	16253029
CIE Lab	52.84, 81.27, 17.30
CIE LCh	53, 83.093, 12.019
Yxy	20.8960, 0.5393, 0.2745
Android (android.graphics.Color)	4294443109 (0xFF80065)
YUV	85.6660, 7.5597, 142.3669
Hunter-Lab	45.7122, 80.3389, 13.6052

# Details

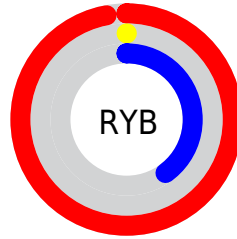
The Hex color **F80065** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **00F893**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF6197**, and **B80037** is the 20% darker color. If you saturate the color by 10%, you get **F80065**, and if you desaturate by 10%, it is **F81974**.

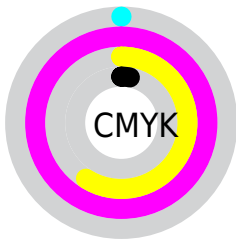
# Distribution



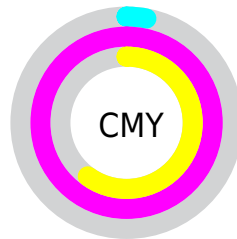
- Red (97%)
- Green (0%)
- Blue (40%)



- Red (97%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F80065 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 F80065 by changing the saturation by 10% instead.



 F80065

 F80065

FFFFFF

 D8004D

 FF6197

 B80037

 FF81B2

 980023

 FF9FCD

 78000D

 FFBEEA

 590004

 FFDCCF

 3A0002

 FFFBFF

 110000

 000000

 F80065

 F81974

 F83282

 F84A91

 F863A0

 F87CAF

 F895BD

 F8AECC

 F8C6DB

 F8DFE9

# Harmonies

## Analogous

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



E525AC



F80065



E7421E

# Triad

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



F80065



1C9300



0092FF

# Complementary

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



F80065



00F893

# 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.



009BDD



F80065



00994F

# Square

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



F80065



7F8400



009C9A



007EFF

# Rectangle

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



F80065



CC5F00



009C9A



0096FD



# Sweetspot

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



F80065



FFB3D2



9100F8



805264



000000



808080



# Same Dimension

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



F80065



FF0068



F81500



7D7076



BD004D



3D0019



# Inverse Universe

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



F80065



FF0068



00E3F8



7D7076



BD004D



3D0019



# Previews

## White Background



This preview shows how the Hex color F80065 looks on a white background.

## Color Contrast Check

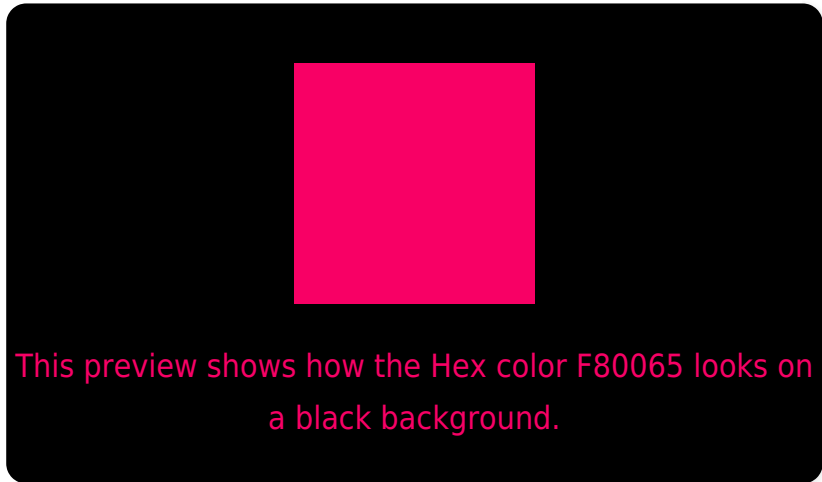
Large Text (above 18pt) WCAG AA ✓ Pass

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 F80065 Background



This preview shows how black text looks on a background with the Hex color F80065.

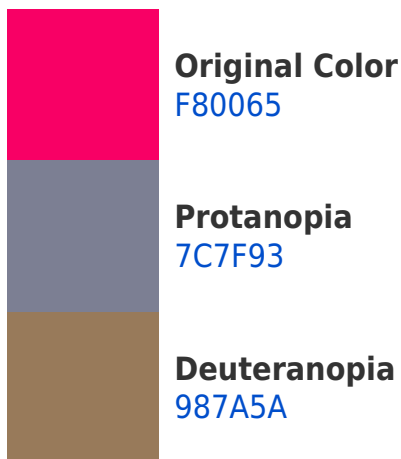


This preview shows how white text looks on a background with the Hex color F80065.

# 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**  
F62826

# Trichromacy



**Original Color**  
F80065



**Protanomaly**  
A95182



**Deuteranomaly**  
BB4E5E



**Tritanomaly**  
F7193D

# Monochromacy



**Original Color**  
F80065



**Achromatopsia**  
565656



**Achromatomaly**  
91375B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F80065 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 #F80065 looks like.

```
.text, #text, p{  
    color:#F80065  
}
```

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 #F80065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F80065
}
```

## Border

The CSS property to change the border of an element to Hex F80065 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
#F80065 }
```

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

```
.border{ border-color:#F80065 }
```

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

Here you see how a box with a 4 pixel #F80065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F80065; -webkit-box-shadow:4px 4px  
4px 4px #F80065; box-shadow:4px 4px 4px  
4px #F80065 }
```

# Background

The CSS property to change the background color of an element to Hex F80065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F80065 }
```

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

```
.background{ background-color:#F80065 }
```

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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