

Converting Colors

Hex(FF0063)

Have a look what the booklet for
Hex(FF0063) contains.

Hex(FF0063)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(F0063)

Conversions

Conversions Part 1

Format	Color
Hex	FF0063
RGB	255, 0, 99
RGB Percent	100%, 0%, 39%
CMY	0.0000, 1.0000, 0.6118
CMYK	0.00, 1.00, 0.61, 0.00
HSL	337°, 100%, 50%
HSV	337°, 100%, 100%
XYZ	43.4921, 22.1609, 13.7896
YIQ	87.5310, 120.2010, 84.8490

Conversions

Conversions Part 2

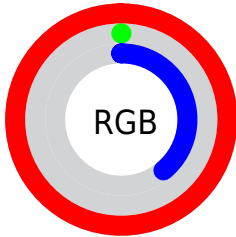
Format	Color
RYB	255, 0, 99
Decimal	16711779
CIELab	54.20, 82.72, 20.59
CIELCh	54, 85.246, 13.979
Yxy	22.1609, 0.5475, 0.2790
Android (android.graphics.Color)	4294901859 (0xFFFF0063)
YUV	87.5310, 5.6542, 146.8703
Hunter-Lab	47.0753, 82.5315, 15.5852

Details

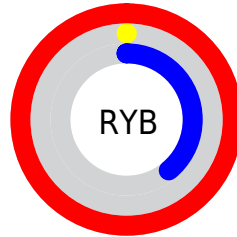
The Hex color **FF0063** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **00FF9C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6395**, and **BE0035** is the 20% darker color. If you saturate the color by 10%, you get **FF0063**, and if you desaturate by 10%, it is **FF1973**.

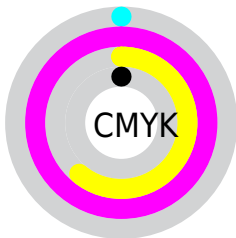
Distribution



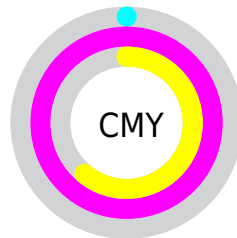
- Red (100%)
- Green (0%)
- Blue (39%)



- Red (100%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF0063 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 FF0063 by changing the saturation by 10% instead.

 FF0063

 FF0063

FFFFFF

 DE004B

 FF6395

 BE0035

 FF82B0

 9E0021

 FFA1CB

 7E000B

 FFC0E7

 5F0004

 FFDEFF

 3F0003

 FFFDFF

 1C0001

 000000

 FF0063

 FF1973

 FF3382

 FF4D92

 FF66A1

 FF80B1

 FF99C1

 FFB3D0

 FFCCE0

 FFE6EF

Harmonies

Analogous

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



EE1FAC



FF0063



EB4618

Triad

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



FF0063



009700



0096FF

Complementary

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



FF0063



00FF9C

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.



009FE7



FF0063



009E56

Square

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



FF0063



7E8900



00A0A3



0080FF

Rectangle

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



FF0063



CF6400



00A0A3



009AFF

Sweetspot

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



FF0063



FFB3D0



9900FF



805263



000000



808080

Same Dimension

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



FF0063



FF1900



807378



BF004A



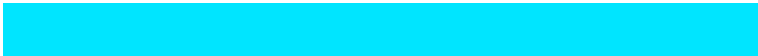
400019

Inverse Universe

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



FF0063



00E5FF



807378



BF004A



400019

Previews

White Background



This preview shows how the Hex color FF0063 looks on a white background.

Color Contrast Check

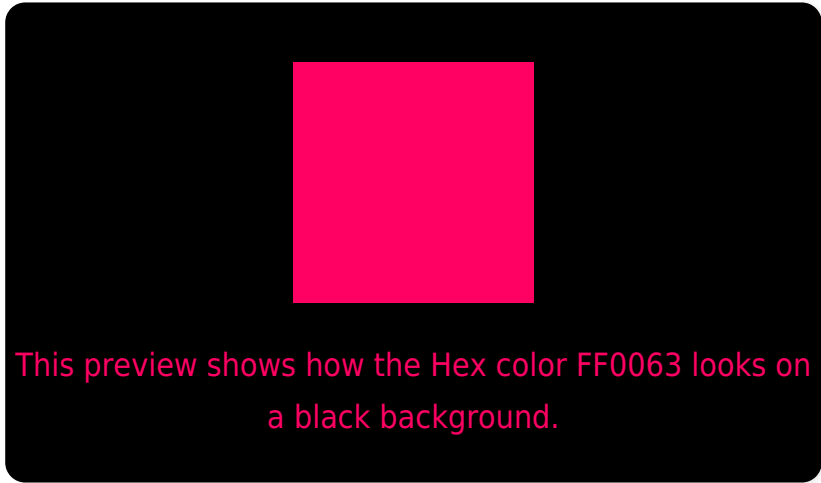
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF0063 Background



This preview shows how black text looks on a background with the Hex color FF0063.

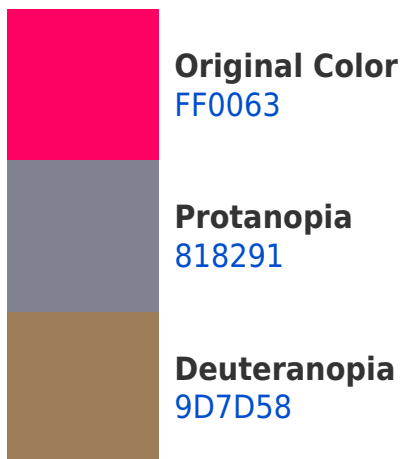


This preview shows how white text looks on a background with the Hex color FF0063.

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
FF0063



Protanomaly
AF5380



Deuteranomaly
C1505C



Tritanomaly
FE193C

Monochromacy



Original Color
FF0063



Achromatopsia
585858



Achromatomaly
95385C

CSS Examples

Text

The CSS property to change the color of the text to Hex FF0063 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 #FF0063 looks like.

```
.text, #text, p{  
    color:#FF0063  
}
```

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 #FF0063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF0063
}
```

Border

The CSS property to change the border of an element to Hex FF0063 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".

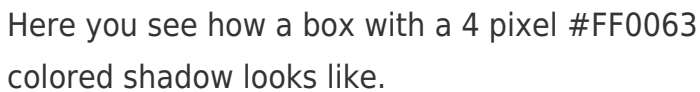
```
.border, #border, table{ border:4px solid
#FF0063 }
```

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

```
.border{ border-color:#FF0063 }
```

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

Here you see how a box with a 4 pixel #FF0063 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF0063; -webkit-box-shadow:4px 4px  
4px 4px #FF0063; box-shadow:4px 4px 4px  
4px #FF0063 }
```

Background

The CSS property to change the background color of an element to Hex FF0063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF0063 }
```

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

```
.background{ background-color:#FF0063 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor