

Converting Colors

Hex(FC0065)

Have a look what the booklet for
Hex(FC0065) contains.

Hex(FC0065)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FC0065)

Conversions

Conversions Part 1

Format	Color
Hex	FC0065
RGB	252, 0, 101
RGB Percent	99%, 0%, 40%
CMY	0.0118, 1.0000, 0.6039
CMYK	0.00, 1.00, 0.60, 0.01
HSL	336°, 100%, 49%
HSV	336°, 100%, 99%
XYZ	42.4938, 21.6350, 14.2482
YIQ	86.8620, 117.7710, 84.8350

Conversions

Conversions Part 2

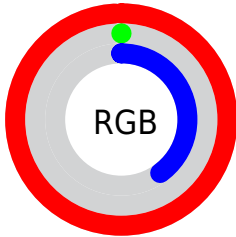
Format	Color
R_{YB}	252, 0, 101
Decimal	16515173
CIE Lab	53.64, 82.16, 18.53
CIE LCh	54, 84.226, 12.707
Yxy	21.6350, 0.5422, 0.2760
Android (android.graphics.Color)	4294705253 (0xFFFC0065)
YUV	86.8620, 6.9700, 144.8260
Hunter-Lab	46.5135, 81.6757, 14.3974

Details

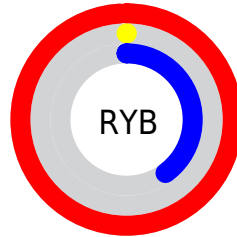
The Hex color **FC0065** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **00FC97**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF6297**, and **BB0037** is the 20% darker color. If you saturate the color by 10%, you get **FC0065**, and if you desaturate by 10%, it is **FC1974**.

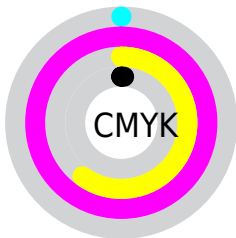
Distribution



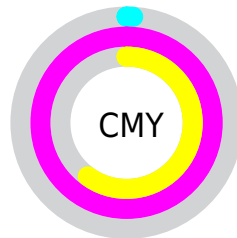
- Red (99%)
- Green (0%)
- Blue (40%)



- Red (99%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC0065 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 FC0065 by changing the saturation by 10% instead.

 FC0065

 FC0065

FFFFFF

 DC004D

 FF6297

 BB0037

 FF82B2

 9B0023

 FFA1CD

 7C000D

 FFBFE9

 5C0004

 FFDEFF

 3D0003

 FFFCFF

 180001

 000000

 FC0065

 FC1974

 FC3283

 FC4C92

 FC65A1

 FC7EB0

 FC97C0

 FCB0CF

 FCCADE

 FCE3ED

Harmonies

Analogous

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



E923AD



FC0065



EA441C

Triad

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



FC0065



169500



0094FF

Complementary

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



FC0065



00FC97

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.



009DE2



FC0065



009C52

Square

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



FC0065



808700



009F9E



0080FF

Rectangle

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



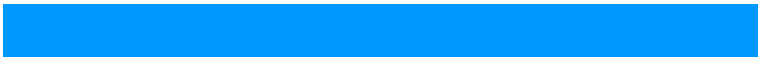
FC0065



CE6100



009F9E



0098FF

Sweetspot

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



FC0065



FFB3D1



9300FC



805264



000000



808080

Same Dimension

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



FC0065



FF0066



FC1500



7D7075



BD004C



3D0019

Inverse Universe

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



FC0065



FF0066



00E7FC



7D7075



BD004C



3D0019

Previews

White Background



This preview shows how the Hex color FC0065 looks on a white background.

Color Contrast Check

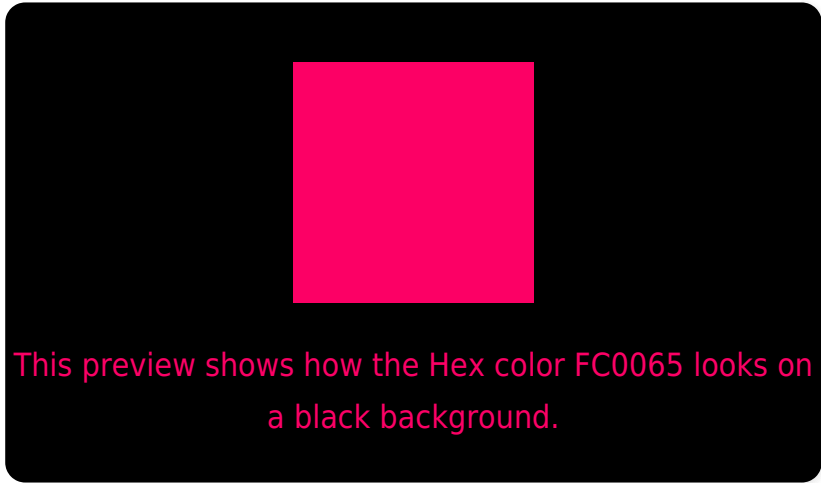
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC0065 Background



This preview shows how black text looks on a background with the Hex color FC0065.



This preview shows how white text looks on a background with the Hex color FC0065.

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



Original Color
FC0065

Protanopia
7F8193

Deuteranopia
9A7C5A



Trichromacy



Original Color
FC0065



Protanomaly
AC5282



Deuteranomaly
BE4F5E



Tritanomaly
FB193D

Monochromacy



Original Color
FC0065



Achromatopsia
575757



Achromatomaly
93375C

CSS Examples

Text

The CSS property to change the color of the text to Hex FC0065 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 #FC0065 looks like.

```
.text, #text, p{  
    color:#FC0065  
}
```

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 #FC0065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC0065
}
```

Border

The CSS property to change the border of an element to Hex FC0065 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
#FC0065 }
```

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

```
.border{ border-color:#FC0065 }
```

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

Here you see how a box with a 4 pixel #FC0065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC0065; -webkit-box-shadow:4px 4px  
4px 4px #FC0065; box-shadow:4px 4px 4px  
4px #FC0065 }
```

Background

The CSS property to change the background color of an element to Hex FC0065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC0065 }
```

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

```
.background{ background-color:#FC0065 }
```

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