

# Converting Colors

Hex(FC002D)

Have a look what the booklet for  
Hex(FC002D) contains.

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**Color**

**Hex(FC002D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC002D
RGB	252, 0, 45
RGB Percent	99%, 0%, 18%
CMY	0.0118, 1.0000, 0.8235
CMYK	0.00, 1.00, 0.82, 0.01
HSL	349°, 100%, 49%
HSV	349°, 100%, 99%
XYZ	40.6185, 20.8849, 4.3730
YIQ	80.4780, 135.7470, 67.4190

# Conversions

## Conversions Part 2

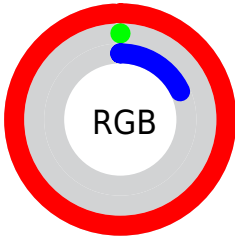
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">252, 0, 45</a>
Decimal	<a href="#">16515117</a>
CIELab	<a href="#">52.82, 79.96, 50.17</a>
CIElCh	<a href="#">53, 94.399, 32.104</a>
Yxy	<a href="#">20.8849, 0.6166, 0.3170</a>
Android (android.graphics.Color)	<a href="#">4294705197 (0xFFFC002D)</a>
YUV	<a href="#">80.4780, -17.4907, 150.4248</a>
Hunter-Lab	<a href="#">45.7000, 78.6772, 26.3166</a>

# Details

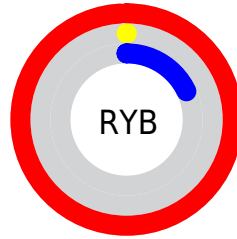
The Hex color **FC002D** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **00FCCF**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF605C**, and **B90000** is the 20% darker color. If you saturate the color by 10%, you get **FC002D**, and if you desaturate by 10%, it is **FC1942**.

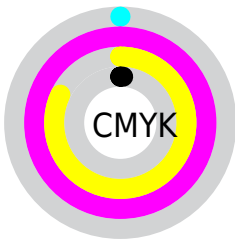
# Distribution



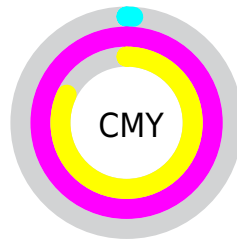
- Red (99%)
- Green (0%)
- Blue (18%)



- Red (99%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC002D 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 FC002D by changing the saturation by 10% instead.



 FC002D

 FC002D

FFFFFF

 DA0017

 FF605C

 B90000

 FF8075

 980000

 FF9E8F

 780002

 FFBDA0

 580004

 FFDBC5

 390002

 FFFAE1

 0F0000

FFFFFFE

 000000

 FC002D

 FC1942

 FC3256

 FC4C6B

 FC6580

 FC7E95

 FC97A9

 FCB0BE

 FCCAD3

 FCE3E7

# Harmonies

## Analogous

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



FF007C



FC002D



D35900

# Triad

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



FC002D



009A28



0088FF

# Complementary

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



FC002D



00FCCF

# 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.



0099FF



FC002D



009E82

# Square

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



FC002D



3B9100



009ED3



7464FF

# Rectangle

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



FC002D



AC7400



009ED3



0090FF



# Sweetspot

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



FC002D



FFB3C0



CE00FC



80525A



000000



808080



# Same Dimension

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



FC002D



FF002E



FC5000



7D7073



BD0022



3D000B



# Inverse Universe

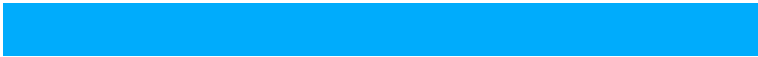
The Inverse Universe completely reimagines the original color for something new.



FC002D



FF002E



00ACFC



7D7073



BD0022



3D000B



# Previews

## White Background



This preview shows how the Hex color FC002D looks on a white background.

## Color Contrast Check

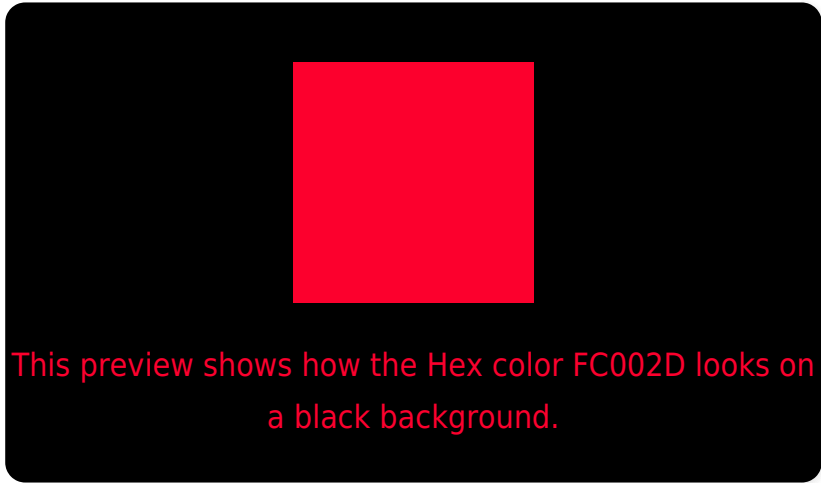
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC002D Background



This preview shows how black text looks on a background with the Hex color FC002D.



This preview shows how white text looks on a background with the Hex color FC002D.

# 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**  
FC002D

**Protanopia**  
8C8047

**Deuteranopia**  
A17916



# Trichromacy



**Original Color**  
FC002D



**Protanomaly**  
B5513E



**Deuteranomaly**  
C24D1E



**Tritanomaly**  
FB0E10

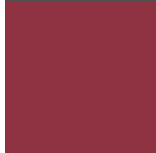
# Monochromacy



**Original Color**  
FC002D



**Achromatopsia**  
505050



**Achromatomaly**  
8F3343

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC002D 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 #FC002D looks like.

```
.text, #text, p{  
    color:#FC002D  
}
```

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 #FC002D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC002D }  
}
```

## Border

The CSS property to change the border of an element to Hex FC002D 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 #FC002D }  
}
```

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

```
.border{ border-color:#FC002D }
```

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

Here you see how a box with a 4 pixel #FC002D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC002D; -webkit-box-shadow:4px 4px  
4px 4px #FC002D; box-shadow:4px 4px 4px  
4px #FC002D }
```

# Background

The CSS property to change the background color of an element to Hex FC002D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC002D }
```

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

```
.background{ background-color:#FC002D }
```

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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