

Converting Colors

Hex(FF003D)

Have a look what the booklet for
Hex(FF003D) contains.

Hex(FF003D)	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(F003D)

Conversions

Conversions Part 1

Format	Color
Hex	FF003D
RGB	255, 0, 61
RGB Percent	100%, 0%, 24%
CMY	0.0000, 1.0000, 0.7608
CMYK	0.00, 1.00, 0.76, 0.00
HSL	346°, 100%, 50%
HSV	346°, 100%, 100%
XYZ	42.0823, 21.5969, 6.3655
YIQ	83.1990, 132.3990, 73.0310

Conversions

Conversions Part 2

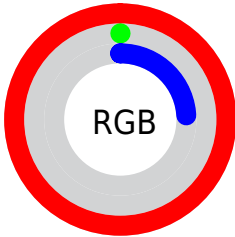
Format	Color
R_{YB}	255, 0, 61
Decimal	16711741
CIE _{Lab}	53.60, 81.10, 42.37
CIE _{LCh}	54, 91.503, 27.585
Yxy	21.5969, 0.6008, 0.3083
Android (android.graphics.Color)	4294901821 (0xFFFF003D)
YUV	83.1990, -10.9441, 150.6695
Hunter-Lab	46.4725, 80.3105, 24.4096

Details

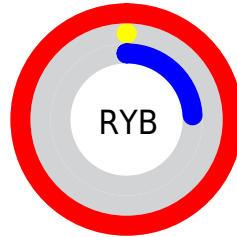
The Hex color **FF003D** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **00FFC2**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF616D**, and **BD0013** is the 20% darker color. If you saturate the color by 10%, you get **FF003D**, and if you desaturate by 10%, it is **FF1950**.

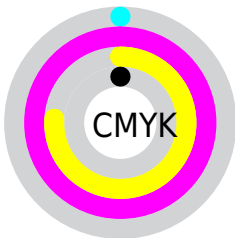
Distribution



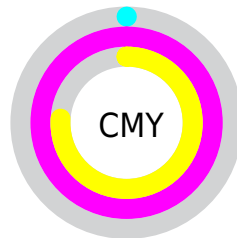
- Red (100%)
- Green (0%)
- Blue (24%)



- Red (100%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (0%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF003D 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 FF003D by changing the saturation by 10% instead.

 FF003D

 FF003D

FFFFFF

 DE0027

 FF616D

 BD0013

 FF8186

 9C0000

 FFA0A0

 7B0002

 FFBEBB

 5B0004

 FFDDD7

 3C0003

 FFFBF4

 160000

 000000

 FF003D

 FF1950

 FF3364

 FF4D77

 FF668B

 FF809E

 FF99B1

 FFB3C5

 FFCCD8

 FFE6EC

Harmonies

Analogous

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



FF008A



FF003D



DB5600

Triad

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



FF003D



009B1D



008DFF

Complementary

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



FF003D



00FFC2

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.



009CFF



FF003D



009F77

Square

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



FF003D



529000



00A0C8



5B6EFF

Rectangle

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



FF003D



B77100



00A0C8



0094FF

Sweetspot

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



FF003D



FFB3C5



BF00FF



80525D



000000



808080

Same Dimension

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



FF003D



FF4000



807376



BF002E



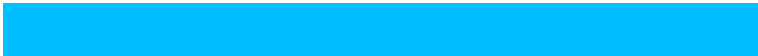
40000F

Inverse Universe

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



FF003D



00BFFF



807376



BF002E



40000F

Previews

White Background



This preview shows how the Hex color FF003D looks on a white background.

Color Contrast Check

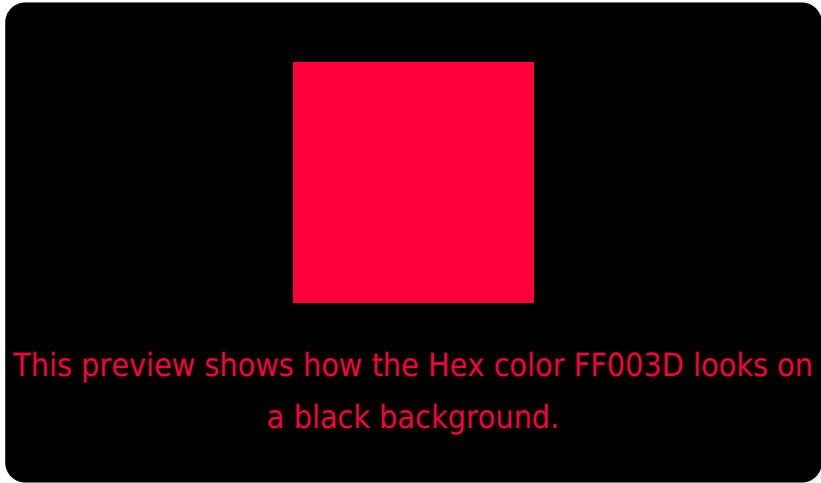
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF003D Background



This preview shows how black text looks on a background with the Hex color FF003D.



This preview shows how white text looks on a background with the Hex color FF003D.

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
FF03D

Protanopia
8B815C

Deuteranopia
A27B2E



Trichromacy



Original Color
FF003D



Protanomaly
B55251



Deuteranomaly
C44E33



Tritanomaly
FE1020

Monochromacy



Original Color
FF003D



Achromatopsia
535353



Achromatomaly
92354B

CSS Examples

Text

The CSS property to change the color of the text to Hex FF003D 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 #FF003D looks like.

```
.text, #text, p{  
    color:#FF003D  
}
```

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 #FF003D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF003D
}
```

Border

The CSS property to change the border of an element to Hex FF003D 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
#FF003D }
```

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

```
.border{ border-color:#FF003D }
```

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

Here you see how a box with a 4 pixel #FF003D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF003D; -webkit-box-shadow:4px 4px  
4px 4px #FF003D; box-shadow:4px 4px 4px  
4px #FF003D }
```

Background

The CSS property to change the background color of an element to Hex FF003D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF003D }
```

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

```
.background{ background-color:#FF003D }
```

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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