

# Converting Colors

Hex(F4003D)

Have a look what the booklet for  
Hex(F4003D) contains.

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**Color**

**Hex(F4003D)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | F4003D                     |
| RGB         | 244, 0, 61                 |
| RGB Percent | 96%, 0%, 24%               |
| CMY         | 0.0431, 1.0000, 0.7608     |
| CMYK        | 0.00, 1.00, 0.75, 0.04     |
| HSL         | 345°, 100%, 48%            |
| HSV         | 345°, 100%, 96%            |
| XYZ         | 38.1505, 19.5700, 6.1815   |
| YIQ         | 79.9100, 125.8430, 70.6990 |

# Conversions

## Conversions Part 2

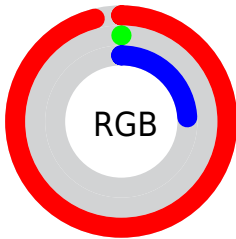
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 244, 0, 61                    |
| Decimal                             | 15990845                      |
| CIE Lab                             | 51.35, 78.54, 39.25           |
| CIE LCh                             | 51, 87.798, 26.554            |
| Yxy                                 | 19.5700, 0.5970,<br>0.3063    |
| Android<br>(android.graphics.Color) | 4294180925<br>(0xFFFF4003D)   |
| YUV                                 | 79.9100, -9.3226,<br>143.9069 |
| Hunter-Lab                          | 44.2380, 76.5205,<br>22.6818  |

# Details

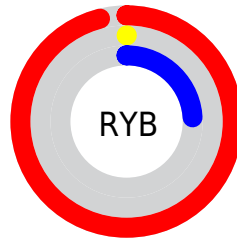
The Hex color **F4003D** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **00F4B7**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5F6C**, and **B20013** is the 20% darker color. If you saturate the color by 10%, you get **F4003D**, and if you desaturate by 10%, it is **F4184F**.

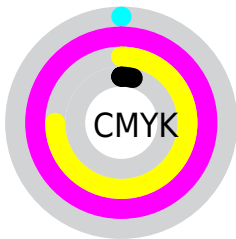
# Distribution



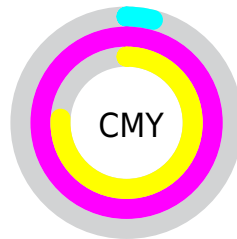
- Red (96%)
- Green (0%)
- Blue (24%)



- Red (96%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F4003D 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 F4003D by changing the saturation by 10% instead.



 F4003D

 F4003D

FFFFFF

 D30027

 FF5F6C

 B20013

 FF7E86

 920000

 FF9DA0

 710002

 FFBBBB

 530004

 FFD9D7

 330002

 FFF8F3

 000000

 F4003D

 F4184F

 F43162

 F44974

 F46286

 F47A99

 F492AB

 F4ABBD

 F4C3CF

 F4DCE2

# Harmonies

## Analogous

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



F40086



F4003D



D35100

# Triad

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



F4003D



009318



0088FF

# Complementary

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



F4003D



00F4B7

# 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.



0095F9



F4003D



00986F

# Square

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



F4003D



538900



0099BC



506AFF

# Rectangle

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



F4003D



B16B00



0099BC



008EFF



# Sweetspot

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



F4003D



FFB3C6



B700F4



80525D



000000



808080



# Same Dimension

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



F4003D



FF0040



F43D00



7A6E71



BA002F



3B000F



# Inverse Universe

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



F4003D



FF0040



00B7F4



7A6E71



BA002F



3B000F



# Previews

## White Background



This preview shows how the Hex color F4003D looks on a white background.

## Color Contrast Check

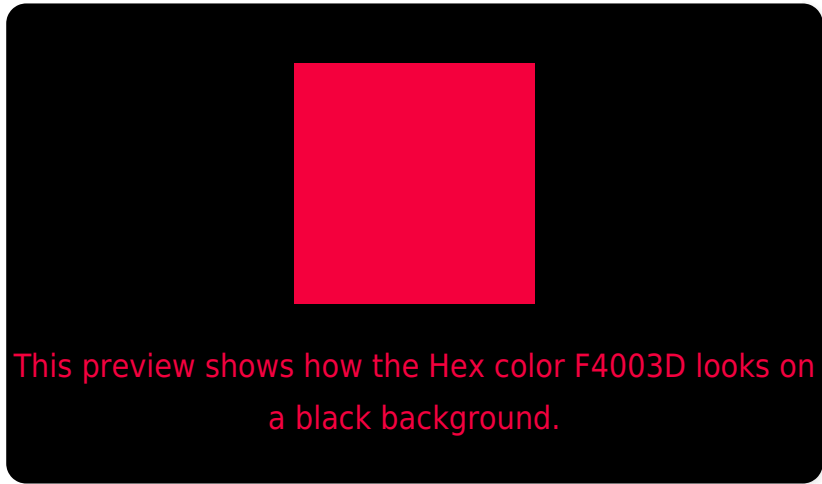
Large Text (above 18pt) WCAG AA ✓ Pass

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 F4003D Background



This preview shows how black text looks on a background with the Hex color F4003D.



This preview shows how white text looks on a background with the Hex color F4003D.

# 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**  
F4003D

**Protanopia**  
857C5C

**Deuteranopia**  
9A762F



**Tritanopia**  
F31910

# Trichromacy



**Original Color**  
F4003D



**Protanomaly**  
AD4F51



**Deuteranomaly**  
BB4B34



**Tritanomaly**  
F31020

# Monochromacy



**Original Color**  
F4003D



**Achromatopsia**  
505050



**Achromatomaly**  
8C3349

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F4003D 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 #F4003D looks like.

```
.text, #text, p{  
    color:#F4003D  
}
```

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 #F4003D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4003D
}
```

## Border

The CSS property to change the border of an element to Hex F4003D 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".

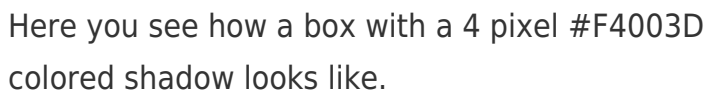
```
.border, #border, table{ border:4px solid
#F4003D }
```

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

```
.border{ border-color:#F4003D }
```

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

Here you see how a box with a 4 pixel #F4003D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4003D; -webkit-box-shadow:4px 4px  
4px 4px #F4003D; box-shadow:4px 4px 4px  
4px #F4003D }
```

# Background

The CSS property to change the background color of an element to Hex F4003D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4003D }
```

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

```
.background{ background-color:#F4003D }
```

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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