

# Converting Colors

Hex(FC0048)

Have a look what the booklet for  
Hex(FC0048) contains.

<b>Hex(FC0048)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(FC0048)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC0048
RGB	252, 0, 72
RGB Percent	99%, 0%, 28%
CMY	0.0118, 1.0000, 0.7176
CMYK	0.00, 1.00, 0.71, 0.01
HSL	343°, 100%, 49%
HSV	343°, 100%, 99%
XYZ	41.3146, 21.1633, 8.0383
YIQ	83.5560, 127.0800, 75.8160

# Conversions

## Conversions Part 2

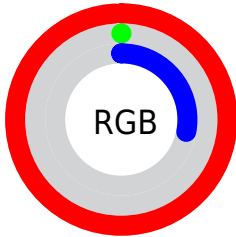
Format	Color
<a href="#">RYB</a>	<a href="#">252, 0, 72</a>
Decimal	<a href="#">16515144</a>
CIELab	<a href="#">53.13, 80.79, 35.29</a>
CIElCh	<a href="#">53, 88.160, 23.593</a>
Yxy	<a href="#">21.1633, 0.5859, 0.3001</a>
Android (android.graphics.Color)	<a href="#">4294705224 (0xFFFC0048)</a>
YUV	<a href="#">83.5560, -5.6971, 147.7254</a>
Hunter-Lab	<a href="#">46.0036, 79.7996, 21.8427</a>

# Details

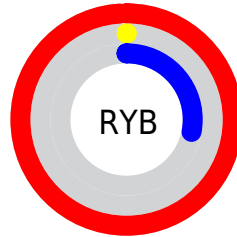
The Hex color **FC0048** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **00FCB4**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6178**, and **BA001D** is the 20% darker color. If you saturate the color by 10%, you get **FC0048**, and if you desaturate by 10%, it is **FC195A**.

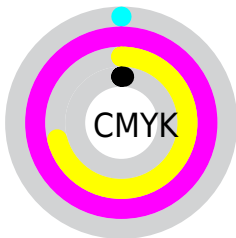
# Distribution



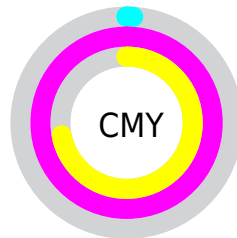
- Red (99%)
- Green (0%)
- Blue (28%)



- Red (99%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC0048 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 FC0048 by changing the saturation by 10% instead.



 FC0048

 FC0048

FFFFFF

 DB0032

 FF6178

 BA001D

 FF8192

 9A0007

 FF9FAC

 790002

 FFBE08

 5A0004

 FFDCE4

 3A0002

 FFFBFF

 130000

 000000

 FC0048

 FC195A

 FC326C

 FC4C7E

 FC6590

 FC7EA2

 FC97B4

 FCB0C6

 FCCAD8

 FCE3EA

# Harmonies

## Analogous

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



F80093



FC0048



DD5000

# Triad

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



FC0048



00980F



008EFF

# Complementary

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



FC0048



00FCB4

# 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.



009BFA



FC0048



009D6C

# Square

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



FC0048



608C00



009EBA



3B72FF

# Rectangle

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



FC0048



BC6C00



009EBA



0094FF



# Sweetspot

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



FC0048



FFB3C8



B000FC



80525F



000000



808080



# Same Dimension

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



FC0048



FF0049



FC3200



7D7074



BD0036



3D0011



# Inverse Universe

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



FC0048



FF0049



00CAFC



7D7074



BD0036



3D0011



# Previews

## White Background



This preview shows how the Hex color FC0048 looks on a white background.

## Color Contrast Check

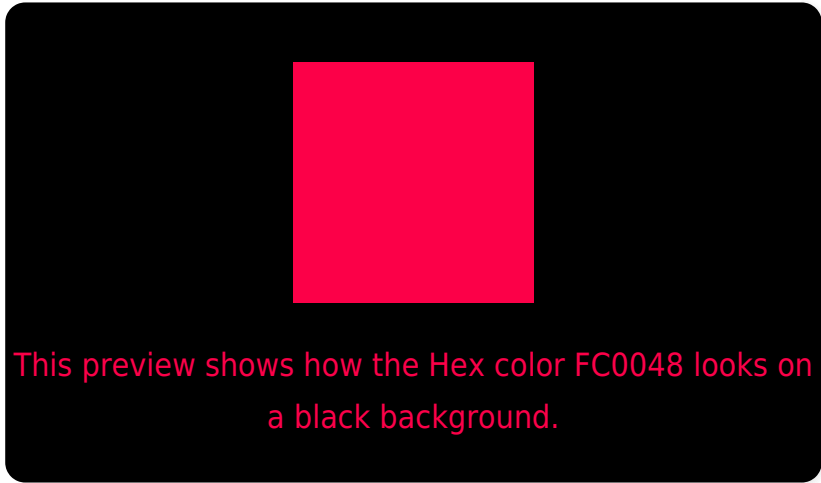
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC0048 Background



This preview shows how black text looks on a background with the Hex color FC0048.

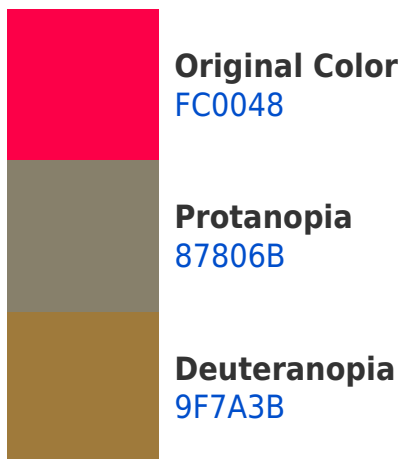


This preview shows how white text looks on a background with the Hex color FC0048.

# 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**  
FC0048



**Protanomaly**  
B2515E



**Deuteranomaly**  
C14E40



**Tritanomaly**  
FB1229

# Monochromacy



**Original Color**  
FC0048



**Achromatopsia**  
545454



**Achromatomaly**  
913550

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC0048 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 #FC0048 looks like.

```
.text, #text, p{  
    color:#FC0048  
}
```

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 #FC0048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC0048
}
```

## Border

The CSS property to change the border of an element to Hex FC0048 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
#FC0048 }
```

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

```
.border{ border-color:#FC0048 }
```

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

Here you see how a box with a 4 pixel #FC0048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC0048; -webkit-box-shadow:4px 4px  
4px 4px #FC0048; box-shadow:4px 4px 4px  
4px #FC0048 }
```

# Background

The CSS property to change the background color of an element to Hex FC0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC0048 }
```

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

```
.background{ background-color:#FC0048 }
```

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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