

# Converting Colors

Hex(FC0234)

Have a look what the booklet for  
Hex(FC0234) contains.

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**Color**

**Hex(FC0234)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC0234
RGB	252, 2, 52
RGB Percent	99%, 1%, 20%
CMY	0.0118, 0.9922, 0.7961
CMYK	0.00, 0.99, 0.79, 0.01
HSL	348°, 98%, 50%
HSV	348°, 99%, 99%
XYZ	40.7864, 20.9868, 5.1500
YIQ	82.4500, 132.9500, 68.5500

# Conversions

## Conversions Part 2

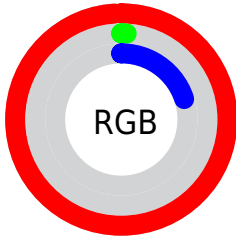
<b>Format</b>	<b>Color</b>
<b>RYB</b>	252, 2, 52
Decimal	16515636
CIELab	52.94, 80.00, 46.52
CIELCh	53, 92.545, 30.180
Yxy	20.9868, 0.6095, 0.3136
Android (android.graphics.Color)	4294705716 (0xFFFC0234)
YUV	82.4500, -15.0119, 148.6954
Hunter-Lab	45.8113, 78.7510, 25.4027

# Details

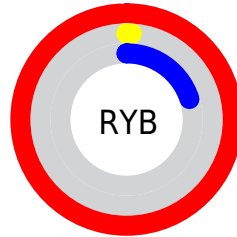
The Hex color **FC0234** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **02FCCA**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF6163**, and **B90009** is the 20% darker color. If you saturate the color by 10%, you get **FC0032**, and if you desaturate by 10%, it is **FC1B48**.

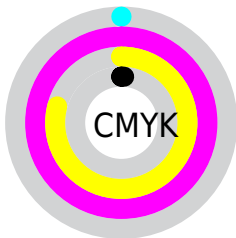
# Distribution



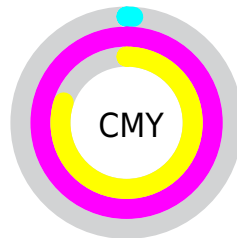
- Red (99%)
- Green (1%)
- Blue (20%)



- Red (99%)
- Yellow (1%)
- Blue (20%)



- Cyan (0%)
- Magenta (99%)
- Yellow (79%)
- Black (1%)



- Cyan (1%)
- Magenta (99%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC0234 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 FC0234 by changing the saturation by 10% instead.



 FC0234

 FC0234

FFFFFF

 DB001E

 FF6163

 B90009

 FF807C

 990000

 FF9F96

 780002

 FFBDB1

 590004

 FFDCCD

 390002

 FFFAE9

 100000

 000000

 FC0234

 FC0234

 FC0032

 FC1B48

 FC345C

 FC4E70

 FC6785

 FC8099

 FC99AD

 FCB2C1

 FCCCD5

 FCE5E9

# Harmonies

## Analogous

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



FF0082



FC0234



D65700

# Triad

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



FC0234



009923



008AFF

# Complementary

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



FC0234



02FCCA

# 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.



009AFF



FC0234



009E7D

# Square

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



FC0234



469000



009ECD



6A68FF

# Rectangle

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



FC0234



B07200



009ECD



0091FF



# Sweetspot

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



FC0234



FFB3C2



CA02FC



80525B



000000



808080



# Same Dimension

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



FC0234



FF0033



FC4D02



7D7073



BD0026



3D000C



# Inverse Universe

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



FC0234



FF0033



02B1FC



7D7073



BD0026



3D000C



# Previews

## White Background



This preview shows how the Hex color FC0234 looks on a white background.

## Color Contrast Check

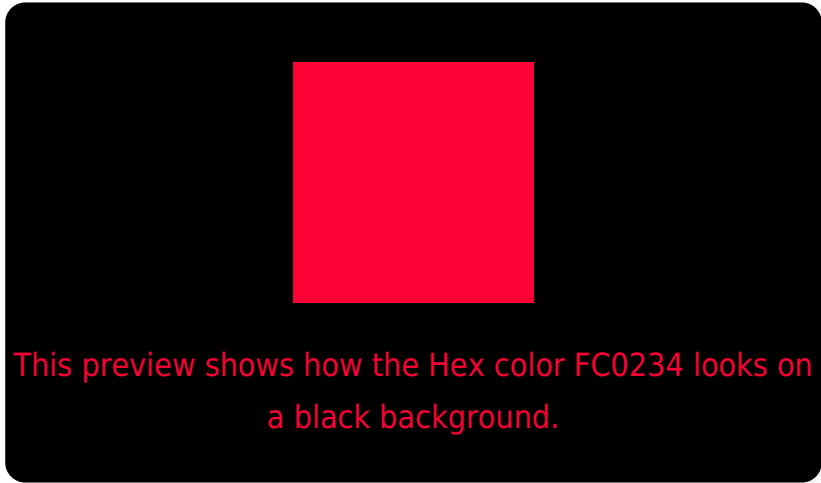
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC0234 Background



This preview shows how black text looks on a background with the Hex color FC0234.



This preview shows how white text looks on a background with the Hex color FC0234.

# 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**  
FC0234

**Protanopia**  
8B8050

**Deuteranopia**  
A07922



# Trichromacy



**Original Color**  
FC0234



**Protanomaly**  
B45246



**Deuteranomaly**  
C14E29



**Tritanomaly**  
FB0F15

# Monochromacy



**Original Color**  
FC0234



**Achromatopsia**  
525252



**Achromatomaly**  
903547

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC0234 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 #FC0234 looks like.

```
.text, #text, p{  
    color:#FC0234  
}
```

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 #FC0234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC0234
}
```

## Border

The CSS property to change the border of an element to Hex FC0234 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
#FC0234 }
```

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

```
.border{ border-color:#FC0234 }
```

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

Here you see how a box with a 4 pixel #FC0234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC0234; -webkit-box-shadow:4px 4px  
4px 4px #FC0234; box-shadow:4px 4px 4px  
4px #FC0234 }
```

# Background

The CSS property to change the background color of an element to Hex FC0234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC0234 }
```

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

```
.background{ background-color:#FC0234 }
```

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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