

# Converting Colors

Hex(FA0043)

Have a look what the booklet for  
Hex(FA0043) contains.

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**Color**

**Hex(FA0043)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA0043
RGB	250, 0, 67
RGB Percent	98%, 0%, 26%
CMY	0.0196, 1.0000, 0.7373
CMYK	0.00, 1.00, 0.73, 0.02
HSL	344°, 100%, 49%
HSV	344°, 100%, 98%
XYZ	40.4375, 20.7292, 7.1800
YIQ	82.3880, 127.4930, 73.8370

# Conversions

## Conversions Part 2

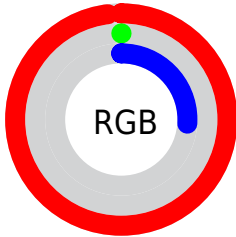
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 0, 67
Decimal	16384067
CIE <sub>Lab</sub>	52.65, 80.14, 37.56
CIE <sub>LCh</sub>	53, 88.509, 25.113
Yxy	20.7292, 0.5917, 0.3033
Android (android.graphics.Color)	4294574147 (0xFFFA0043)
YUV	82.3880, -7.5863, 146.9957
Hunter-Lab	45.5294, 78.8605, 22.5205

# Details

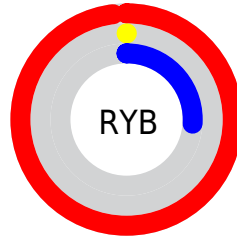
The Hex color **FA0043** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **00FAB7**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF6073**, and **B80019** is the 20% darker color. If you saturate the color by 10%, you get **FA0043**, and if you desaturate by 10%, it is **FA1955**.

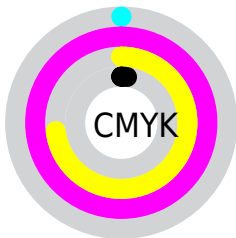
# Distribution



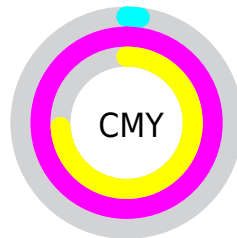
- Red (98%)
- Green (0%)
- Blue (26%)



- Red (98%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA0043 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 FA0043 by changing the saturation by 10% instead.



 FA0043

 FA0043

FFFFFF

 D9002D

 FF6073

 B80019

 FF808C

 980000

 FF9FA7

 770002

 FFBDC2

 580004

 FFDDBE

 380002

 FFFAFB

 0E0000

 000000

 FA0043

 FA1955

 FA3268

 FA4B7A

 FA648C

 FA7D9E

 FA96B1

 FAAFC3

 FAC8D5

 FAE1E8

# Harmonies

## Analogous

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



F8008E



FA0043



DA5100

# Triad

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



FA0043



009714



008CFF

# Complementary

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



FA0043



00FAB7

# 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.



0099FB



FA0043



009C6E

# Square

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



FA0043



5A8C00



009DBD



486FFF

# Rectangle

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



FA0043



B86C00



009DBD



0092FF



# Sweetspot

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



FA0043



FFB3C7



B300FA



80525E



000000



808080



# Same Dimension

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



FA0043



FF0044



FA3600



7D7074



BD0033



3D0010



# Inverse Universe

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



FA0043



FF0044



00C4FA



7D7074



BD0033



3D0010



# Previews

## White Background



This preview shows how the Hex color FA0043 looks on a white background.

## Color Contrast Check

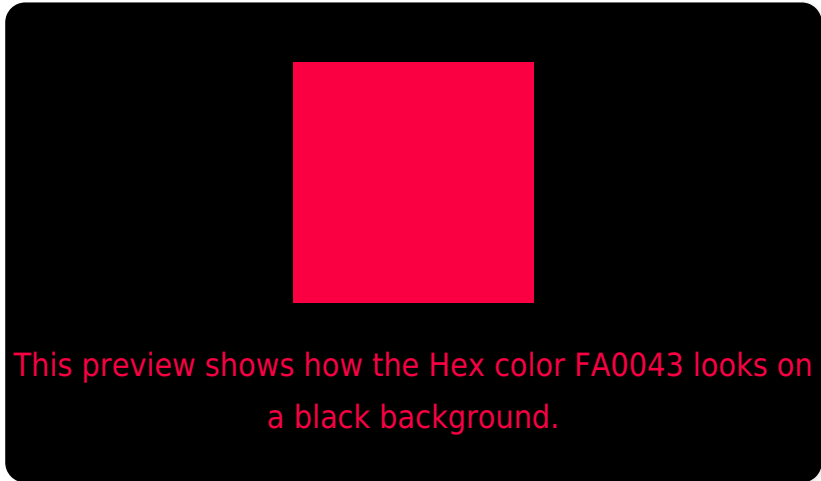
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA0043 Background



This preview shows how black text looks on a background with the Hex color FA0043.

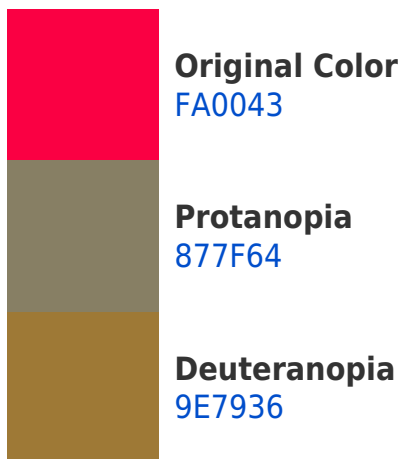


This preview shows how white text looks on a background with the Hex color FA0043.

# 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





**Tritanopia**  
F91C14

# Trichromacy



**Original Color**  
FA0043



**Protanomaly**  
B15158



**Deuteranomaly**  
BF4D3B



**Tritanomaly**  
F91225

# Monochromacy



**Original Color**  
FA0043



**Achromatopsia**  
525252



**Achromatomaly**  
8F344D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA0043 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 #FA0043 looks like.

```
.text, #text, p{  
    color:#FA0043  
}
```

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 #FA0043 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA0043
}
```

## Border

The CSS property to change the border of an element to Hex FA0043 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
#FA0043 }
```

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

```
.border{ border-color:#FA0043 }
```

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

Here you see how a box with a 4 pixel #FA0043 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA0043; -webkit-box-shadow:4px 4px  
4px 4px #FA0043; box-shadow:4px 4px 4px  
4px #FA0043 }
```

# Background

The CSS property to change the background color of an element to Hex FA0043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA0043 }
```

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

```
.background{ background-color:#FA0043 }
```

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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