

Converting Colors

Hex(FC0303)

Have a look what the booklet for
Hex(FC0303) contains.

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Color

Hex(FC0303)

Conversions

Conversions Part 1

Format	Color
Hex	FC0303
RGB	252, 3, 3
RGB Percent	99%, 1%, 1%
CMY	0.0118, 0.9882, 0.9882
CMYK	0.00, 0.99, 0.99, 0.01
HSL	0°, 98%, 50%
HSV	0°, 99%, 99%
XYZ	40.1939, 20.7671, 1.9762
YIQ	77.4510, 148.4040, 52.7880

Conversions

Conversions Part 2

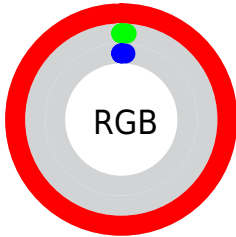
Format	Color
RYB	252, 3, 3
Decimal	16515843
CIELab	52.69, 79.21, 65.88
CIElCh	53, 103.021, 39.752
Yxy	20.7671, 0.6386, 0.3300
Android (android.graphics.Color)	4294705923 (0xFFFC0303)
YUV	77.4510, -36.7043, 153.0795
Hunter-Lab	45.5710, 77.6889, 29.3286

Details

The Hex color **FC0303** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **03FCFC**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF603C**, and **B80000** is the 20% darker color. If you saturate the color by 10%, you get **FC0000**, and if you desaturate by 10%, it is **FC1C1C**.

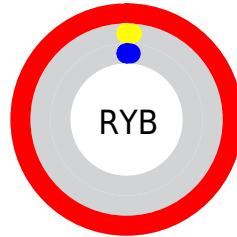
Distribution



Red (99%)

Green (1%)

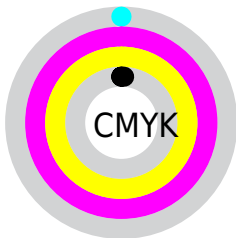
Blue (1%)



Red (99%)

Yellow (1%)

Blue (1%)

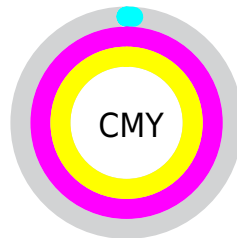


Cyan (0%)

Magenta (99%)

Yellow (99%)

Black (1%)



Cyan (1%)

Magenta (99%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC0303 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 FC0303 by changing the saturation by 10% instead.

 FC0303

 FC0303

 FFFFFA

 DA0000

 FF603C

 B80000

 FF8055

 970000

 FF9E6F

 760001

 FFBC8A

 570004

 FFDBA5

 380002

 FFF9C1

 0C0000

 FFFFDD

 000000

 FC0303

 FC0303

 FC0000

 FC1C1C

 FC3535

 FC4F4F

 FC6868

 FC8181

 FC9A9A

 FCB3B3

 FCCDCD

 FCE6E6

Harmonies

Analogous

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



FF0066



FC0303



C86100

Triad

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



FC0303



009C3A



0082FF

Complementary

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



FC0303



03FCFC

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.



0098FF



FC0303



00A09A

Square

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



FC0303



009500



00A0EF



9B52FF

Rectangle

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



FC0303



9A7B00



00A0EF



008CFF

Sweetspot

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



FC0303



FFB3B3



FC03FC



805252



000000



808080

Same Dimension

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



FC0303



FF0000



FC8003



7D7070



BD0000



3D0000

Inverse Universe

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



03FCFC



00FFFF



0380FC



707D7D



00BDBD



003D3D

Previews

White Background



This preview shows how the Hex color FC0303 looks on a white background.

Color Contrast Check

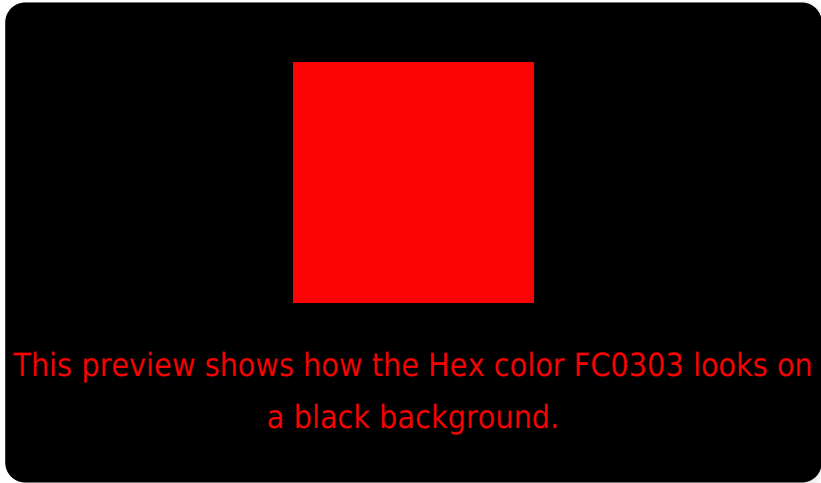
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC0303 Background



This preview shows how black text looks on a background with the Hex color FC0303.



This preview shows how white text looks on a background with the Hex color FC0303.

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
FC0303

Protanopia
8F7F21

Deuteranopia
A07900



Trichromacy



Original Color
FC0303



Protanomaly
B75216



Deuteranomaly
C14E01



Tritanomaly
FB1001

Monochromacy



Original Color
FC0303



Achromatopsia
4D4D4D



Achromatomaly
8D3232

CSS Examples

Text

The CSS property to change the color of the text to Hex FC0303 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 #FC0303 looks like.

```
.text, #text, p{  
    color:#FC0303  
}
```

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 #FC0303 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC0303
}
```

Border

The CSS property to change the border of an element to Hex FC0303 is called "border". The border property can be set on classes, ids or directly on the HTML element.

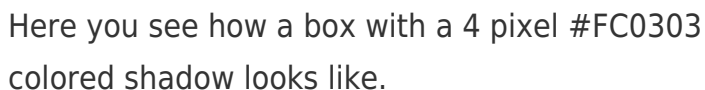
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FC0303 }
```

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

```
.border{ border-color:#FC0303 }
```

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



Here you see how a box with a 4 pixel `#FC0303` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC0303; -webkit-box-shadow:4px 4px  
4px 4px #FC0303; box-shadow:4px 4px 4px  
4px #FC0303 }
```

Background

The CSS property to change the background color of an element to Hex FC0303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC0303 }
```

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

```
.background{ background-color:#FC0303 }
```

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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