

Converting Colors

Hex(FC0417)

Have a look what the booklet for
Hex(FC0417) contains.

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Color

Hex(FC0417)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FC0417 |
| RGB | 252, 4, 23 |
| RGB Percent | 99%, 2%, 9% |
| CMY | 0.0118, 0.9843, 0.9098 |
| CMYK | 0.00, 0.98, 0.91, 0.01 |
| HSL | 355°, 98%, 50% |
| HSV | 355°, 98%, 99% |
| XYZ | 40.3430, 20.8441, 2.7076 |
| YIQ | 80.3180, 141.7090, 58.4850 |

Conversions

Conversions Part 2

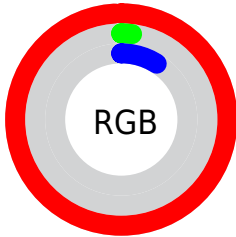
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 252, 4, 23 |
| Decimal | 16516119 |
| CIELab | 52.78, 79.30, 60.21 |
| CIELCh | 53, 99.568, 37.206 |
| Yxy | 20.8441, 0.6314, 0.3262 |
| Android (android.graphics.Color) | 4294706199 (0xFFFC0417) |
| YUV | 80.3180, -28.2578, 150.5651 |
| Hunter-Lab | 45.6554, 77.8329, 28.4425 |

Details

The Hex color **FC0417** 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 **04FCE9**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF6148**, and **B90000** is the 20% darker color. If you saturate the color by 10%, you get **FC0013**, and if you desaturate by 10%, it is **FC1D2E**.

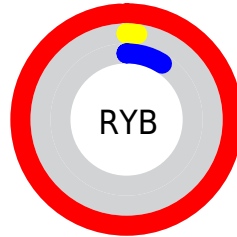
Distribution



Red (99%)

Green (2%)

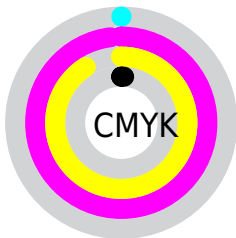
Blue (9%)



Red (99%)

Yellow (2%)

Blue (9%)

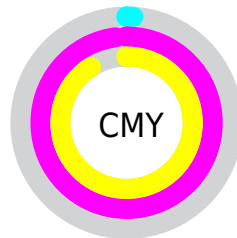


Cyan (0%)

Magenta (98%)

Yellow (91%)

Black (1%)



Cyan (1%)

Magenta (98%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC0417 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 FC0417 by changing the saturation by 10% instead.

 FC0417

 FC0417

FFFFFF

 DA0000

 FF6148

 B90000

 FF8061

 970000

 FF9F7B

 770001

 FFBD96

 580004

 FFDBB1

 380002

 FFFACD

 0D0000

 FFFF E9

 000000

 FC0417

 FC0417

 FC0013

 FC1D2E

 FC3646

 FC505D

 FC6974

 FC828B

 FC9BA3

 FCB4BA

 FCCED1

 FCE7E8

Harmonies

Analogous

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



FF006E



FC0417



CC5F00

Triad

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



FC0417



009C34



0084FF

Complementary

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



FC0417



04FCE9

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.



0099FF



FC0417



009F91

Square

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



FC0417



019400



009FE5



8E59FF

Rectangle

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



FC0417



A07800



009FE5



008DFF

Sweetspot

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



FC0417



FFB3B8



E704FC



805255



000000



808080

Same Dimension

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



FC0417



FF0014



FC6B04



7D7071



BD000E



3D0005

Inverse Universe

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



FC0417



FF0014



0495FC



7D7071



BD000E



3D0005

Previews

White Background



This preview shows how the Hex color FC0417 looks on a white background.

Color Contrast Check

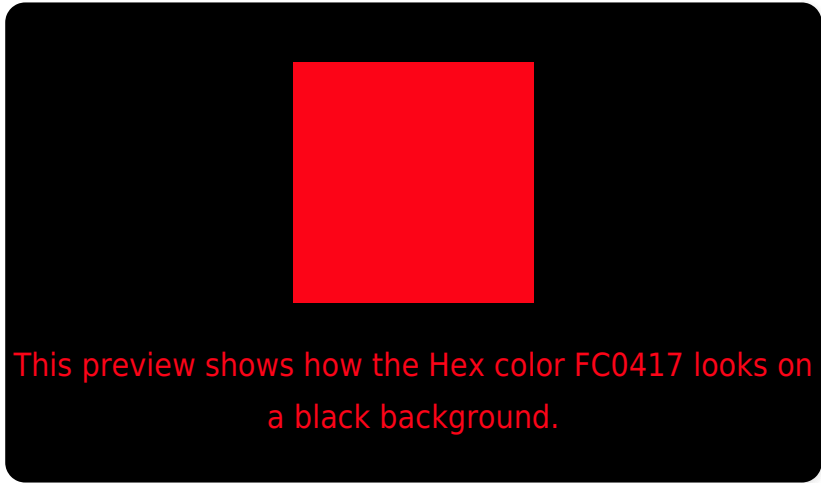
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC0417 Background



This preview shows how black text looks on a background with the Hex color FC0417.



This preview shows how white text looks on a background with the Hex color FC0417.

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
FC0417

Protanopia
8E7F2D

Deuteranopia
A07900

Trichromacy



Original Color
FC0417



Protanomaly
B65225

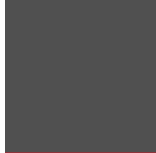


Deuteranomaly
C14E08

Monochromacy



Original Color
FC0417



Achromatopsia
505050



Achromatomaly
8F343B

CSS Examples

Text

The CSS property to change the color of the text to Hex FC0417 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 #FC0417 looks like.

```
.text, #text, p{  
    color:#FC0417  
}
```

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 #FC0417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC0417
}
```

Border

The CSS property to change the border of an element to Hex FC0417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

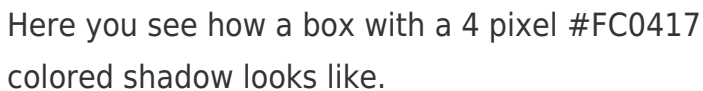
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FC0417 }
```

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

```
.border{ border-color:#FC0417 }
```

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



Here you see how a box with a 4 pixel `#FC0417` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC0417; -webkit-box-shadow:4px 4px  
4px 4px #FC0417; box-shadow:4px 4px 4px  
4px #FC0417 }
```

Background

The CSS property to change the background color of an element to Hex FC0417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC0417 }
```

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

```
.background{ background-color:#FC0417 }
```

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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