

Converting Colors

Hex(FC004E)

Have a look what the booklet for
Hex(FC004E) contains.

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Color

Hex(FC004E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FC004E |
| RGB | 252, 0, 78 |
| RGB Percent | 99%, 0%, 31% |
| CMY | 0.0118, 1.0000, 0.6941 |
| CMYK | 0.00, 1.00, 0.69, 0.01 |
| HSL | 341°, 100%, 49% |
| HSV | 341°, 100%, 99% |
| XYZ | 41.5200, 21.2455, 9.1202 |
| YIQ | 84.2400, 125.1540, 77.6820 |

Conversions

Conversions Part 2

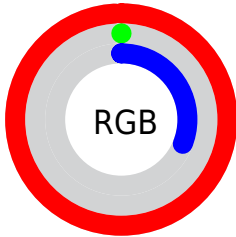
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 252, 0, 78 |
| Decimal | 16515150 |
| CIELab | 53.22, 81.03, 31.83 |
| CIELCh | 53, 87.060, 21.447 |
| Yxy | 21.2455, 0.5776, 0.2955 |
| Android (android.graphics.Color) | 4294705230 (0xFFFC004E) |
| YUV | 84.2400, -3.0763, 147.1255 |
| Hunter-Lab | 46.0928, 80.1287, 20.5336 |

Details

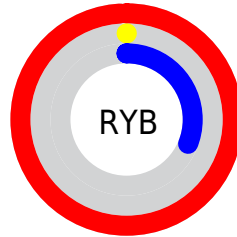
The Hex color **FC004E** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **00FCAE**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF617F**, and **BA0023** is the 20% darker color. If you saturate the color by 10%, you get **FC004E**, and if you desaturate by 10%, it is **FC195F**.

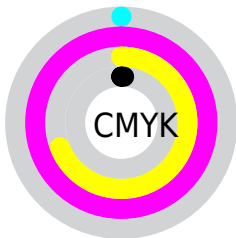
Distribution



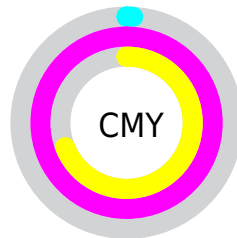
- Red (99%)
- Green (0%)
- Blue (31%)



- Red (99%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC004E 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 FC004E by changing the saturation by 10% instead.

 FC004E

 FC004E

FFFFFF

 DB0038

 FF617F

 BA0023

 FF8199

 9A000F

 FFA0B3

 7A0002

 FFBECE

 5A0004

 FFDCEB

 3B0002

 FFFBFF

 140000

 000000

 FC004E

 FC195F

 FC3271

 FC4C82

 FC6594

 FC7EA5

 FC97B6

 FCB0C8

 FCCAD9

 FCE3EB

Harmonies

Analogous

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



F50098



FC004E



E04E00

Triad

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



FC004E



009705



008FFF

Complementary

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



FC004E



00FCAE

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.



009BF5



FC004E



009D66

Square

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



FC004E



678B00



009EB4



2075FF

Rectangle

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



FC004E



C06A00



009EB4



0095FF

Sweetspot

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



FC004E



FFB3CA



AC00FC



805260



000000



808080

Same Dimension

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



FC004E



FF004F



FC2E00



7D7074



BD003A



3D0013

Inverse Universe

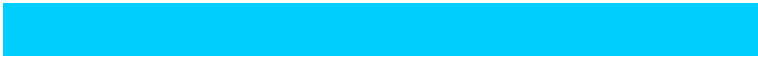
The Inverse Universe completely reimagines the original color for something new.



FC004E



FF004F



00CEFC



7D7074



BD003A



3D0013

Previews

White Background



This preview shows how the Hex color FC004E looks on a white background.

Color Contrast Check

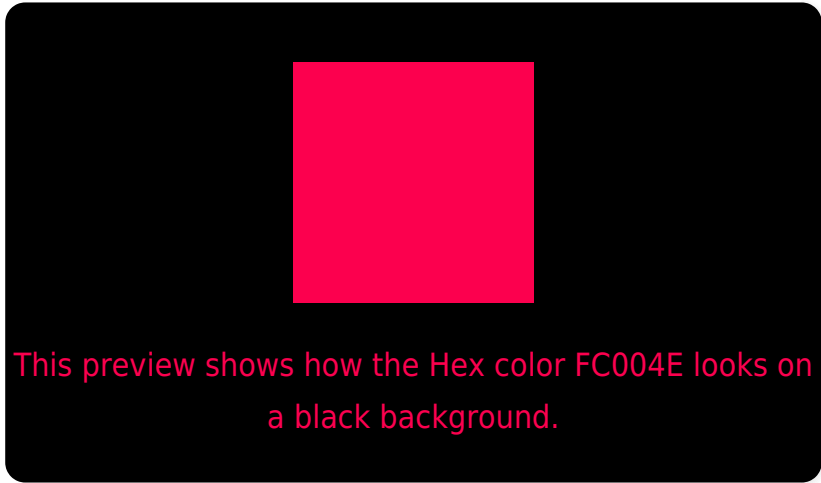
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC004E Background



This preview shows how black text looks on a background with the Hex color FC004E.



This preview shows how white text looks on a background with the Hex color FC004E.

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
FC004E

Protanopia
868073

Deuteranopia
9E7A42

Trichromacy



Original Color
FC004E



Protanomaly
B15166



Deuteranomaly
C04E46



Tritanomaly
FB142D

Monochromacy



Original Color
FC004E



Achromatopsia
545454



Achromatomaly
913552

CSS Examples

Text

The CSS property to change the color of the text to Hex FC004E 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 #FC004E looks like.

```
.text, #text, p{  
    color:#FC004E  
}
```

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 #FC004E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC004E
}
```

Border

The CSS property to change the border of an element to Hex FC004E 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".

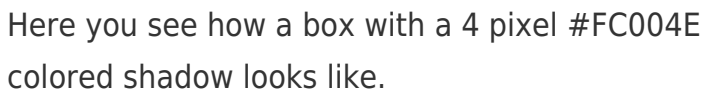
```
.border, #border, table{ border:4px solid
#FC004E }
```

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

```
.border{ border-color:#FC004E }
```

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

Here you see how a box with a 4 pixel #FC004E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC004E; -webkit-box-shadow:4px 4px  
4px 4px #FC004E; box-shadow:4px 4px 4px  
4px #FC004E }
```

Background

The CSS property to change the background color of an element to Hex FC004E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC004E }
```

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

```
.background{ background-color:#FC004E }
```

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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