

Converting Colors

Hex(FA004F)

Have a look what the booklet for
Hex(FA004F) contains.

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Color

Hex(FA004F)

Conversions

Conversions Part 1

Format	Color
Hex	FA004F
RGB	250, 0, 79
RGB Percent	98%, 0%, 31%
CMY	0.0196, 1.0000, 0.6902
CMYK	0.00, 1.00, 0.68, 0.02
HSL	341°, 100%, 49%
HSV	341°, 100%, 98%
XYZ	40.8356, 20.8885, 9.2767
YIQ	83.7560, 123.6410, 77.5690

Conversions

Conversions Part 2

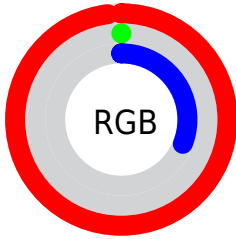
Format	Color
RYB	250, 0, 79
Decimal	16384079
CIELab	52.83, 80.62, 30.66
CIELCh	53, 86.251, 20.824
Yxy	20.8885, 0.5751, 0.2942
Android (android.graphics.Color)	4294574159 (0xFFFA004F)
YUV	83.7560, -2.3447, 145.7960
Hunter-Lab	45.7039, 79.5045, 19.9584

Details

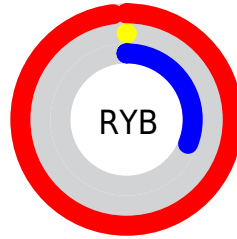
The Hex color **FA004F** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **00FAAB**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF6180**, and **B90024** is the 20% darker color. If you saturate the color by 10%, you get **FA004F**, and if you desaturate by 10%, it is **FA1960**.

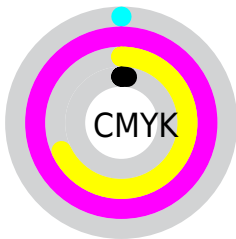
Distribution



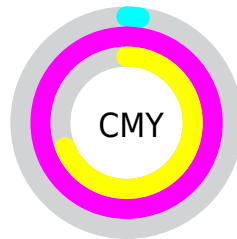
- Red (98%)
- Green (0%)
- Blue (31%)



- Red (98%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (68%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA004F 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 FA004F by changing the saturation by 10% instead.

 FA004F

 FA004F

FFFFFF

 D90038

 FF6180

 B90024

 FF809A

 980010

 FF9FB4

 780002

 FFBDD0

 590004

 FFDCEC

 390002

 FFFBFF

 100000

 000000

 FA004F

 FA1960

 FA3271

 FA4B82

 FA6493

 FA7DA4

 FA96B6

 FAAFC7

 FAC8D8

 FAE1E9

Harmonies

Analogous

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



F30098



FA004F



DF4D00

Triad

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



FA004F



009602



008FFF

Complementary

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



FA004F



00FAAB

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.



009AF1



FA004F



009B64

Square

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



FA004F



688A00



009DB1



1275FF

Rectangle

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



FA004F



BF6800



009DB1



0094FF

Sweetspot

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



FA004F



FFB3CB



AB00FA



805260



000000



808080

Same Dimension

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



FA004F



FF0051



FA2E00



7D7074



BD003C



3D0013

Inverse Universe

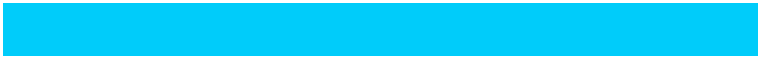
The Inverse Universe completely reimagines the original color for something new.



FA004F



FF0051



00CCFA



7D7074



BD003C



3D0013

Previews

White Background



This preview shows how the Hex color FA004F looks on a white background.

Color Contrast Check

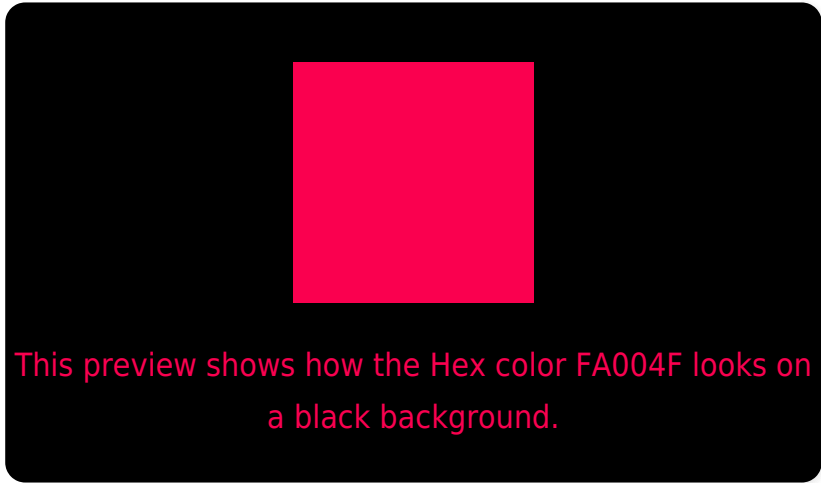
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA004F Background



This preview shows how black text looks on a background with the Hex color FA004F.

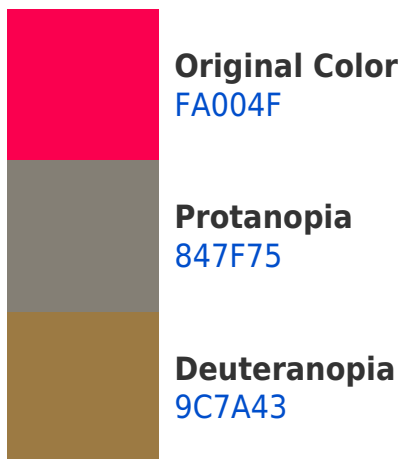


This preview shows how white text looks on a background with the Hex color FA004F.

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
F9201B

Trichromacy



Original Color
FA004F



Protanomaly
AF5167



Deuteranomaly
BE4E47



Tritanomaly
F9142E

Monochromacy



Original Color
FA004F



Achromatopsia
545454



Achromatomaly
903552

CSS Examples

Text

The CSS property to change the color of the text to Hex FA004F 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 #FA004F looks like.

```
.text, #text, p{  
    color:#FA004F  
}
```

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 #FA004F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA004F
}
```

Border

The CSS property to change the border of an element to Hex FA004F 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
#FA004F }
```

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

```
.border{ border-color:#FA004F }
```

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

Here you see how a box with a 4 pixel #FA004F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA004F; -webkit-box-shadow:4px 4px  
4px 4px #FA004F; box-shadow:4px 4px 4px  
4px #FA004F }
```

Background

The CSS property to change the background color of an element to Hex FA004F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA004F }
```

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

```
.background{ background-color:#FA004F }
```

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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