

Converting Colors

Hex(FA006D)

Have a look what the booklet for
Hex(FA006D) contains.

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Color

Hex(FA006D)

Conversions

Conversions Part 1

Format	Color
Hex	FA006D
RGB	250, 0, 109
RGB Percent	98%, 0%, 43%
CMY	0.0196, 1.0000, 0.5725
CMYK	0.00, 1.00, 0.56, 0.02
HSL	334°, 100%, 49%
HSV	334°, 100%, 98%
XYZ	42.1847, 21.4281, 16.3807
YIQ	87.1760, 114.0110, 86.8990

Conversions

Conversions Part 2

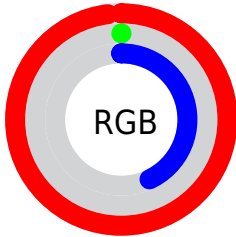
Format	Color
R_{YB}	250, 0, 109
Decimal	16384109
CIE _{Lab}	53.41, 82.19, 13.31
CIE _{LCh}	53, 83.264, 9.199
Yxy	21.4281, 0.5274, 0.2679
Android (android.graphics.Color)	4294574189 (0xFFFA006D)
YUV	87.1760, 10.7592, 142.7966
Hunter-Lab	46.2905, 81.6591, 11.4226

Details

The Hex color **FA006D** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **00FA8D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF62A0**, and **BA003E** is the 20% darker color. If you saturate the color by 10%, you get **FA006D**, and if you desaturate by 10%, it is **FA197B**.

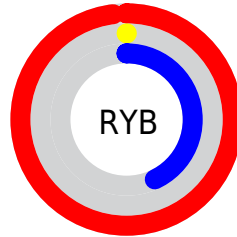
Distribution



Red (98%)

Green (0%)

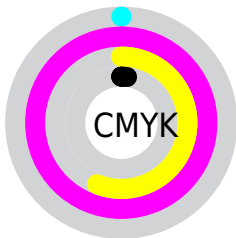
Blue (43%)



Red (98%)

Yellow (0%)

Blue (43%)

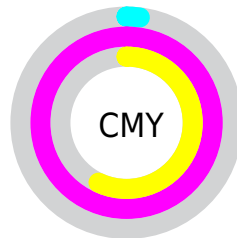


Cyan (0%)

Magenta (100%)

Yellow (56%)

Black (2%)



Cyan (2%)

Magenta (100%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA006D 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 FA006D by changing the saturation by 10% instead.

 FA006D

 FA006D

FFFFFF

 DA0055

 FF62A0

 BA003E

 FF82BB

 9A0029

 FFA0D7

 7B0016

 FFBBF3

 5C0004

 FFDDFF

 3C0003

 FFFCFF

 170000

 000000

 FA006D

 FA197B

 FA3289

 FA4B97

 FA64A5

 FA7DB4

 FA96C2

 FAAFD0

 FAC8DE

 FAE1EC

Harmonies

Analogous

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



E32DB4



FA006D



EC3F27

Triad

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



FA006D



2F9300



0095FF

Complementary

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



FA006D



00FA8D

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.



009DDA



FA006D



009B49

Square

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



FA006D



878400



009E95



0082FF

Rectangle

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



FA006D



D25D00



009E95



0099FB

Sweetspot

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



FA006D



FFB3D4



8900FA



805266



000000



808080

Same Dimension

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



FA006D



FF006F



FA0D00



7D7076



BD0052



3D001B

Inverse Universe

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



FA006D



FF006F



00EEFA



7D7076



BD0052



3D001B

Previews

White Background



This preview shows how the Hex color FA006D looks on a white background.

Color Contrast Check

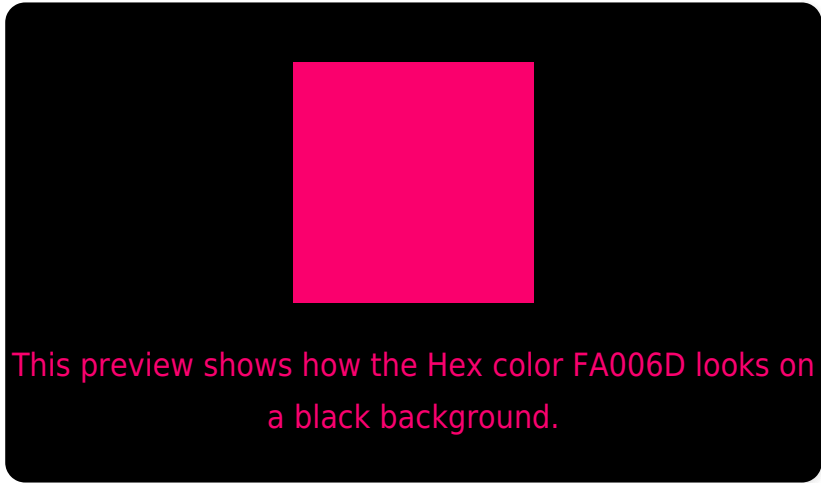
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA006D Background



This preview shows how black text looks on a background with the Hex color FA006D.



This preview shows how white text looks on a background with the Hex color FA006D.

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
F72C2A

Trichromacy



Original Color
FA006D



Protanomaly
A9518C



Deuteranomaly
BC4F67

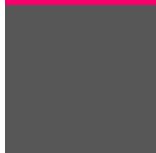


Tritanomaly
F81C42

Monochromacy



Original Color
FA006D



Achromatopsia
575757



Achromatomaly
92375F

CSS Examples

Text

The CSS property to change the color of the text to Hex FA006D 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 #FA006D looks like.

```
.text, #text, p{  
    color:#FA006D  
}
```

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 #FA006D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA006D
}
```

Border

The CSS property to change the border of an element to Hex FA006D 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
#FA006D }
```

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

```
.border{ border-color:#FA006D }
```

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

Here you see how a box with a 4 pixel #FA006D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA006D; -webkit-box-shadow:4px 4px  
4px 4px #FA006D; box-shadow:4px 4px 4px  
4px #FA006D }
```

Background

The CSS property to change the background color of an element to Hex FA006D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA006D }
```

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

```
.background{ background-color:#FA006D }
```

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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