

Converting Colors

Hex(F2006E)

Have a look what the booklet for
Hex(F2006E) contains.

Hex(F2006E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F2006E)

Conversions

Conversions Part 1

Format	Color
Hex	F2006E
RGB	242, 0, 110
RGB Percent	95%, 0%, 43%
CMY	0.0510, 1.0000, 0.5686
CMYK	0.00, 1.00, 0.55, 0.05
HSL	333°, 100%, 47%
HSV	333°, 100%, 95%
XYZ	39.4324, 20.0030, 16.5345
YIQ	84.8980, 108.9220, 85.5140

Conversions

Conversions Part 2

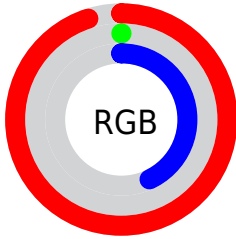
Format	Color
RYB	242, 0, 110
Decimal	15859822
CIELab	51.84, 80.50, 10.26
CIELCh	52, 81.149, 7.267
Yxy	20.0030, 0.5191, 0.2633
Android (android.graphics.Color)	4294049902 (0xFFFF2006E)
YUV	84.8980, 12.3753, 137.7785
Hunter-Lab	44.7248, 79.1096, 9.3881

Details

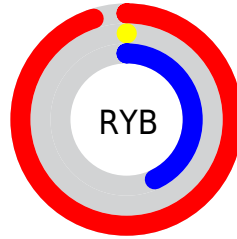
The Hex color **F2006E** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **00F284**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FF60A1**, and **B2003F** is the 20% darker color. If you saturate the color by 10%, you get **F2006E**, and if you desaturate by 10%, it is **F2187B**.

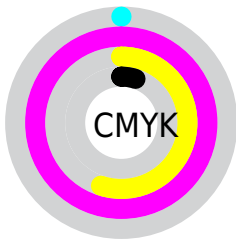
Distribution



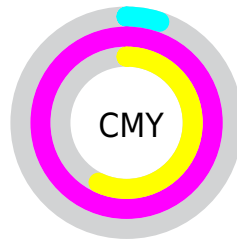
- Red (95%)
- Green (0%)
- Blue (43%)



- Red (95%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color F2006E 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 F2006E by changing the saturation by 10% instead.

 F2006E

FFFFFF

 FF60A1

 FF80BC

 FF9ED8

 FFBDF4

 FFDBFF

 FFF9FF

 F2006E

 D20056

 B2003F

 93002A

 740016

 560004

 360002

 060000

 000000

 F2006E

 F2187B

 F23088

 F24996

 F261A3

 F279B0

 F291BD

 F2A9CA

 F2C2D8

 F2DAE5

Harmonies

Analogous

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



D92FB3



F2006E



E63A2A

Triad

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



F2006E



368E00



0091FD

Complementary

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



F2006E



00F284

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.



0098CF



F2006E



009642

Square

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



F2006E



877E00



00998B



0080FF

Rectangle

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



F2006E



CF5700



00998B



0094F1

Sweetspot

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



F2006E



FFB3D5



8100F2



805266



000000



808080

Same Dimension

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



F2006E



FF0074



F20800



786C71



B80053



380019

Inverse Universe

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



F2006E



FF0074



00EAF2



786C71



B80053



380019

Previews

White Background



This preview shows how the Hex color F2006E looks on a white background.

Color Contrast Check

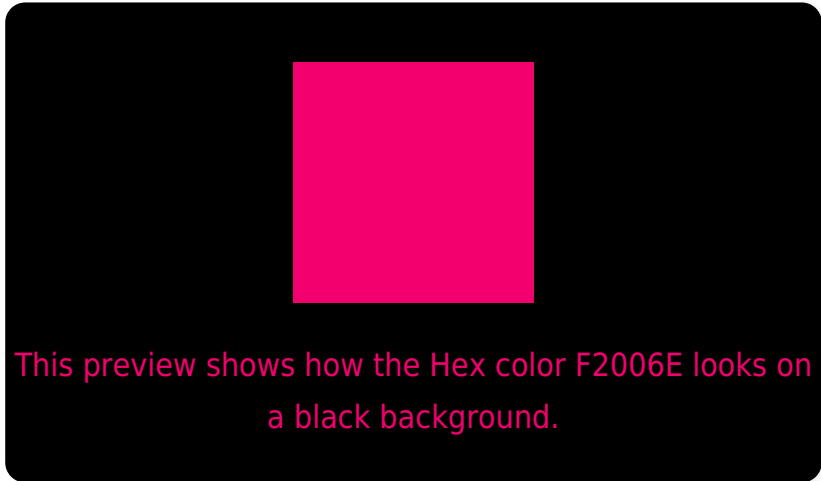
Large Text (above 18pt) WCAG AA ✓ Pass

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 F2006E Background



This preview shows how black text looks on a background with the Hex color F2006E.



This preview shows how white text looks on a background with the Hex color F2006E.

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





Trichromacy



Original Color
F2006E



Protanomaly
A24F8E



Deuteranomaly
B54C68



Tritanomaly
F01C43

Monochromacy



Original Color
F2006E



Achromatopsia
555555



Achromatomaly
8E365E

CSS Examples

Text

The CSS property to change the color of the text to Hex F2006E 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 #F2006E looks like.

```
.text, #text, p{  
    color:#F2006E  
}
```

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 #F2006E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2006E
}
```

Border

The CSS property to change the border of an element to Hex F2006E 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
#F2006E }
```

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

```
.border{ border-color:#F2006E }
```

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

Here you see how a box with a 4 pixel #F2006E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2006E; -webkit-box-shadow:4px 4px  
4px 4px #F2006E; box-shadow:4px 4px 4px  
4px #F2006E }
```

Background

The CSS property to change the background color of an element to Hex F2006E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2006E }
```

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

```
.background{ background-color:#F2006E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor