

# Converting Colors

Hex(F7006A)

Have a look what the booklet for  
Hex(F7006A) contains.

|  |    |
|--|----|
| <b>Hex(F7006A)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(F7006A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | F7006A                     |
| RGB           | 247, 0, 106                |
| RGB Percent   | 97%, 0%, 42%               |
| CMY           | 0.0314, 1.0000, 0.5843     |
| CMYK          | 0.00, 1.00, 0.57, 0.03     |
| HSL           | 334°, 100%, 48%            |
| HSV           | 334°, 100%, 97%            |
| XYZ           | 40.9593, 20.8148, 15.4945  |
| YIQ           | 85.9370, 113.1860, 85.3300 |

# Conversions

## Conversions Part 2

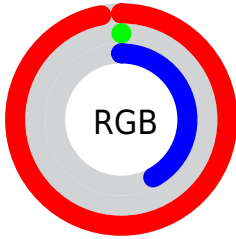
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 247, 0, 106                  |
| Decimal                             | 16187498                     |
| CIE <sub>Lab</sub>                  | 52.75, 81.35, 14.11          |
| CIE <sub>LCh</sub>                  | 53, 82.561, 9.841            |
| Yxy                                 | 20.8148, 0.5301,<br>0.2694   |
| Android<br>(android.graphics.Color) | 4294377578<br>(0xFFFF7006A)  |
| YUV                                 | 85.9370, 9.8911,<br>141.2523 |
| Hunter-Lab                          | 45.6232, 80.4119,<br>11.8002 |

# Details

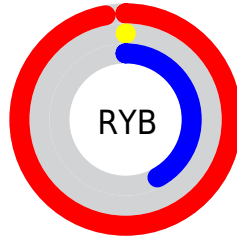
The Hex color **F7006A** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **00F78D**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF619D**, and **B7003C** is the 20% darker color. If you saturate the color by 10%, you get **F7006A**, and if you desaturate by 10%, it is **F71978**.

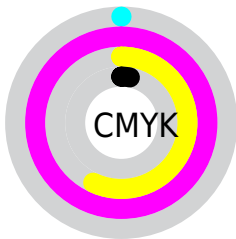
# Distribution



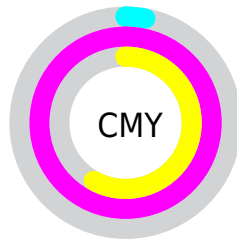
- Red (97%)
- Green (0%)
- Blue (42%)



- Red (97%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7006A 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 F7006A by changing the saturation by 10% instead.



 F7006A

 F7006A

FFFFFF

 D70052

 FF619D

 B7003C

 FF81B8

 970027

 FF9FD3

 780013

 FFBEEF

 590004

 FFDCCF

 390002

 FFFBFF

 110000

 000000

 F7006A

 F71978

 F73186

 F74A94

 F763A2

 F77CB0

 F794BF

 F7ADCD

 F7C6DB

 F7DEE9

# Harmonies

## Analogous

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



E12AB0



F7006A



E83F24

# Triad

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



F7006A



2B9100



0093FF

# Complementary

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



F7006A



00F78D

# 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.



009BD8



F7006A



009949

# Square

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



F7006A



848300



009C94



0080FF

# Rectangle

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



F7006A



CF5C00



009C94



0096F9



# Sweetspot

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



F7006A



FFB3D3



8C00F7



805265



000000



808080



# Same Dimension

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



F7006A



FF006D



F71000



7A6E73



BA0050



3B0019



# Inverse Universe

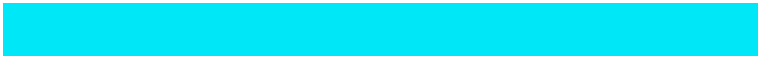
The Inverse Universe completely reimagines the original color for something new.



F7006A



FF006D



00E7F7



7A6E73



BA0050



3B0019



# Previews

## White Background



This preview shows how the Hex color F7006A looks on a white background.

## Color Contrast Check

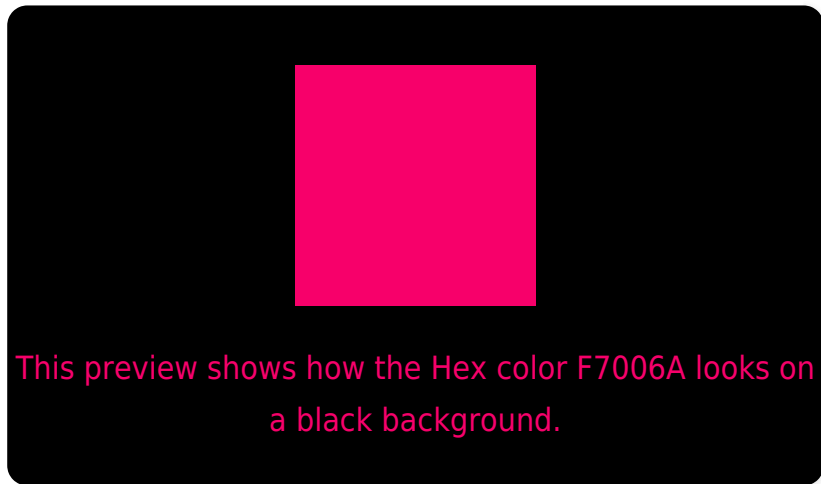
Large Text (above 18pt) WCAG AA ✓ Pass

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 F7006A Background



This preview shows how black text looks on a background with the Hex color F7006A.

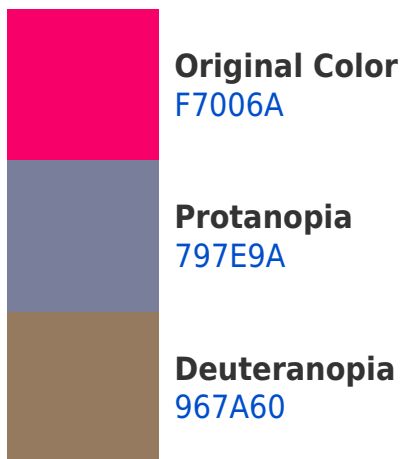


This preview shows how white text looks on a background with the Hex color F7006A.

# 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**  
F52A29

# Trichromacy



**Original Color**  
F7006A



**Protanomaly**  
A75089



**Deuteranomaly**  
B94E64



**Tritanomaly**  
F61B41

# Monochromacy



**Original Color**  
F7006A



**Achromatopsia**  
565656



**Achromatomaly**  
91375D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7006A 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 #F7006A looks like.

```
.text, #text, p{  
  color:#F7006A  
}
```

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 #F7006A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7006A
}
```

## Border

The CSS property to change the border of an element to Hex F7006A is called "border". The border property can be set on classes, ids or directly on the HTML element.

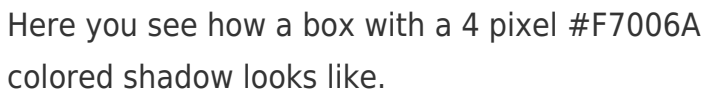
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F7006A }
```

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

```
.border{ border-color:#F7006A }
```

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



Here you see how a box with a 4 pixel #F7006A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7006A; -webkit-box-shadow:4px 4px  
4px 4px #F7006A; box-shadow:4px 4px 4px  
4px #F7006A }
```

# Background

The CSS property to change the background color of an element to Hex F7006A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7006A }
```

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

```
.background{ background-color:#F7006A }
```

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