

Converting Colors

Hex(FF306D)

Have a look what the booklet for
Hex(FF306D) contains.

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Color

Hex(F306D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF306D |
| RGB | 255, 48, 109 |
| RGB Percent | 100%, 19%, 43% |
| CMY | 0.0000, 0.8118, 0.5725 |
| CMYK | 0.00, 0.81, 0.57, 0.00 |
| HSL | 342°, 100%, 59% |
| HSV | 342°, 81%, 100% |
| XYZ | 45.0573, 24.4780, 16.8179 |
| YIQ | 116.8470, 103.7910, 62.8550 |

Conversions

Conversions Part 2

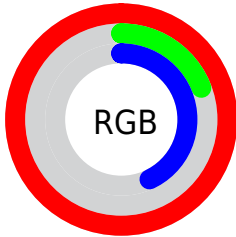
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 48, 109 |
| Decimal | 16724077 |
| CIE Lab | 56.56, 77.09, 17.80 |
| CIE LCh | 57, 79.119, 13.002 |
| Yxy | 24.4780, 0.5218, 0.2835 |
| Android (android.graphics.Color) | 4294914157 (0xFFFF306D) |
| YUV | 116.8470, -3.8686, 121.1602 |
| Hunter-Lab | 49.4753, 75.9787, 14.4785 |

Details

The Hex color **FF306D** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **30FFC2**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF74A0**, and **BF003E** is the 20% darker color. If you saturate the color by 10%, you get **FF175B**, and if you desaturate by 10%, it is **FF4A7F**.

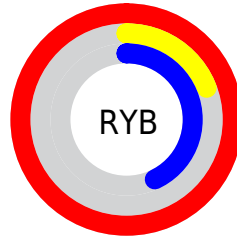
Distribution



Red (100%)

Green (19%)

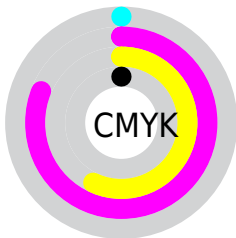
Blue (43%)



Red (100%)

Yellow (19%)

Blue (43%)

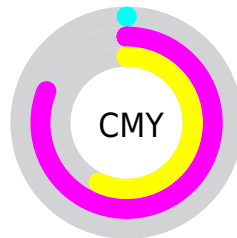


Cyan (0%)

Magenta (81%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (81%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF306D 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 FF306D by changing the saturation by 10% instead.

 FF306D

 FF306D

FFFFFF

 DF0055

 FF74A0

 BF003E

 FF92BB

 9F0029

 FFB0D7

 800016

 FFCEF3

 610003

 FFEDFF

 430003

 210001

 000000

 FF306D

 FF306D

 FF175B

 FF4A7F

 FF004B

 FF6391

 FF7DA3

 FF96B5

 FFB0C7

 FFC9D9

 FFE3EB

 FFFCFD

FFFFFF

Harmonies

Analogous

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



ED3CB2



FF306D



EE532A

Triad

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



FF306D



319C04



009BFF

Complementary

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



FF306D



30FFC2

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.



00A4E5



FF306D



00A35D

Square

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



FF306D



898E00



00A6A5



0086FF

Rectangle

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



FF306D



D46B00



00A6A5



009FFF

Sweetspot

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



FF306D



FFC2D4



C130FF



805B65



000000



808080

Same Dimension

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



FF306D



FF0851



FF5930



807377



BF0038



400013

Inverse Universe

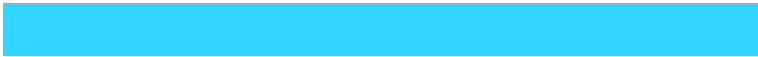
The Inverse Universe completely reimagines the original color for something new.



FF306D



FF0851



30D6FF



807377



BF0038



400013

Previews

White Background



This preview shows how the Hex color FF306D looks on a white background.

Color Contrast Check

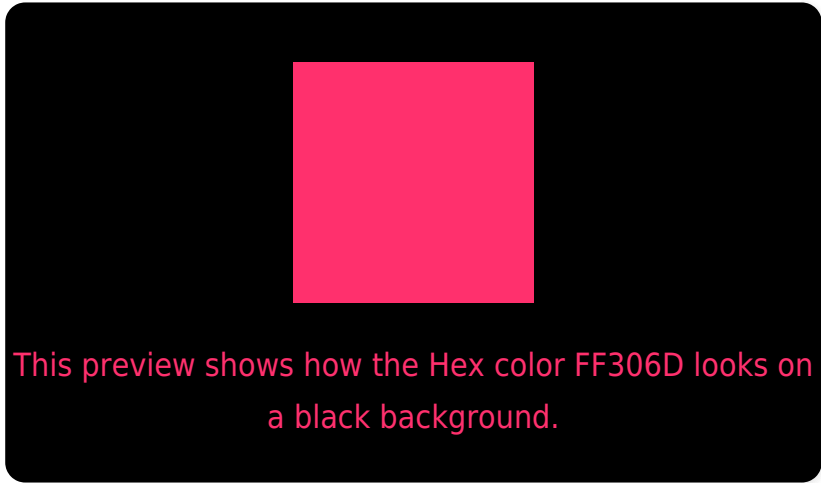
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF306D Background



This preview shows how black text looks on a background with the Hex color FF306D.

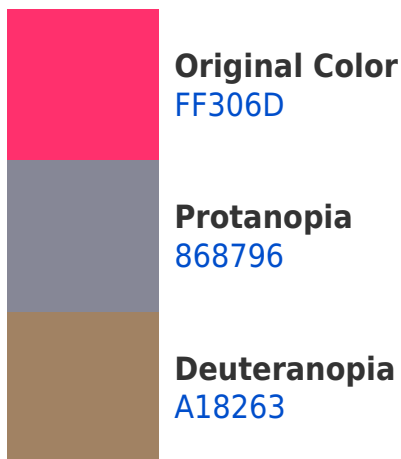


This preview shows how white text looks on a background with the Hex color FF306D.

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
FF306D



Protanomaly
B26787



Deuteranomaly
C36467

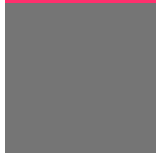


Tritanomaly
FE384F

Monochromacy



Original Color
FF306D



Achromatopsia
757575



Achromatomaly
A75C72

CSS Examples

Text

The CSS property to change the color of the text to Hex FF306D 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 #FF306D looks like.

```
.text, #text, p{  
    color:#FF306D  
}
```

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 #FF306D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF306D
}
```

Border

The CSS property to change the border of an element to Hex FF306D 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
#FF306D }
```

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

```
.border{ border-color:#FF306D }
```

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

Here you see how a box with a 4 pixel #FF306D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF306D; -webkit-box-shadow:4px 4px  
4px 4px #FF306D; box-shadow:4px 4px 4px  
4px #FF306D }
```

Background

The CSS property to change the background color of an element to Hex FF306D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF306D }
```

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

```
.background{ background-color:#FF306D }
```

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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