

Converting Colors

Hex(FF3D66)

Have a look what the booklet for
Hex(FF3D66) contains.

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Color

Hex(**FF3D66**)

Conversions

Conversions Part 1

Format	Color
Hex	FF3D66
RGB	255, 61, 102
RGB Percent	100%, 24%, 40%
CMY	0.0000, 0.7608, 0.6000
CMYK	0.00, 0.76, 0.60, 0.00
HSL	347°, 100%, 62%
HSV	347°, 76%, 100%
XYZ	45.3070, 25.5568, 15.1154
YIQ	123.6800, 102.4630, 53.8790

Conversions

Conversions Part 2

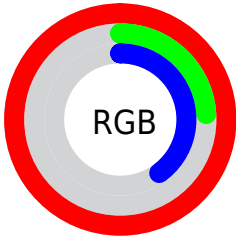
Format	Color
R_{YB}	255, 61, 102
Decimal	16727398
CIE _{Lab}	57.61, 73.28, 23.36
CIE _{LCh}	58, 76.915, 17.683
Yxy	25.5568, 0.5270, 0.2972
Android (android.graphics.Color)	4294917478 (0xFFFF3D66)
YUV	123.6800, -10.6882, 115.1676
Hunter-Lab	50.5537, 71.5054, 17.6601

Details

The Hex color **FF3D66** 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 **3DFFD6**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF7C99**, and **BF0038** is the 20% darker color. If you saturate the color by 10%, you get **FF2352**, and if you desaturate by 10%, it is **FF577A**.

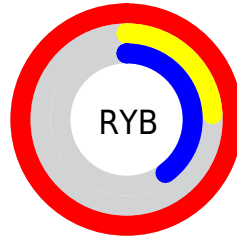
Distribution



Red (100%)

Green (24%)

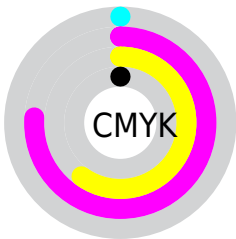
Blue (40%)



Red (100%)

Yellow (24%)

Blue (40%)

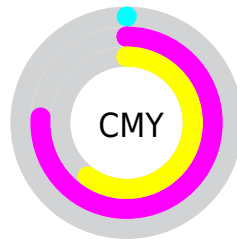


Cyan (0%)

Magenta (76%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (76%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3D66 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 FF3D66 by changing the saturation by 10% instead.

 FF3D66

 FF3D66

FFFFFF

 DF0D4E

 FF7C99

 BF0038

 FF9AB3

 9F0023

 FFB8CF

 80000F

 FFD5EB

 610002

 FFF4FF

 430003

 220001

 000000

 FF3D66

 FF3D66

 FF2352

 FF577A

 FF0A3E

 FF708E

 FF0036

 FF8AA2

 FFA3B6

 FFBDCB

 FFD6DF

 FFF0F3

FFFFFF

Harmonies

Analogous

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



F340A9



FF3D66



EA5E25

Triad

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



FF3D66



1FA022



009AFF

Complementary

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



FF3D66



3DFFD6

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.



00A5ED



FF3D66



00A66B

Square

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



FF3D66



829300



00A8B1



3685FF

Rectangle

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



FF3D66



CE7400



00A8B1



009FFF

Sweetspot

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



FF3D66



FFC4D1



D53DFF



805C63



000000



808080

Same Dimension

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



FF3D66



FF1748



FF743D



807375



BF0028



40000D

Inverse Universe

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



FF3D66



FF1748



3DC8FF



807375



BF0028



40000D

Previews

White Background



This preview shows how the Hex color FF3D66 looks on a white background.

Color Contrast Check

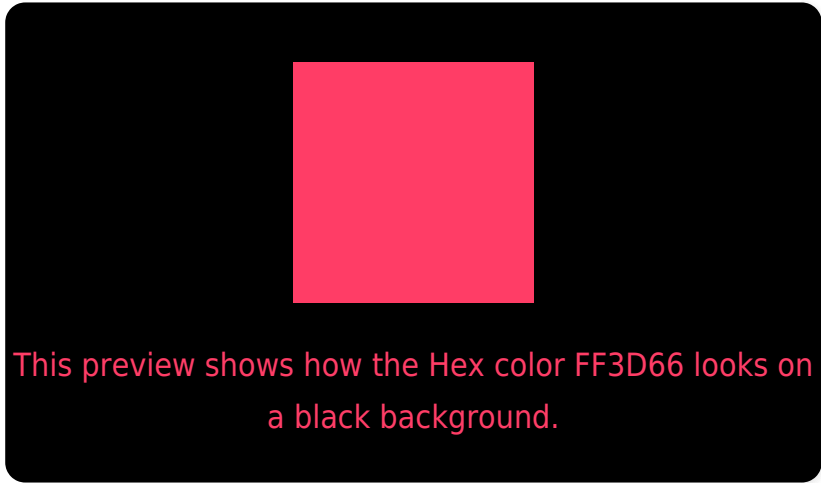
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3D66 Background



This preview shows how black text looks on a background with the Hex color FF3D66.



This preview shows how white text looks on a background with the Hex color FF3D66.

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](#).

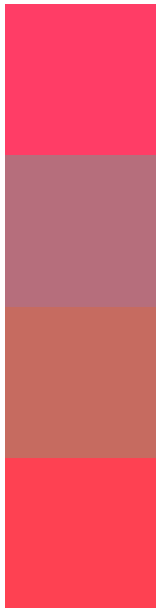
Dichromacy





Tritanopia
FE4446

Trichromacy



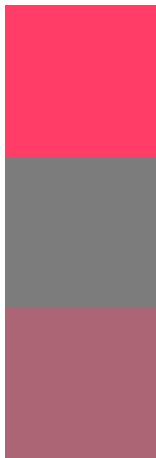
Original Color
FF3D66

Protanomaly
B66E7C

Deuteranomaly
C66B60

Tritanomaly
FE4152

Monochromacy



Original Color
FF3D66

Achromatopsia
7C7C7C

Achromatomaly
AC6574

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3D66 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 #FF3D66 looks like.

```
.text, #text, p{  
    color:#FF3D66  
}
```

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 #FF3D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3D66
}
```

Border

The CSS property to change the border of an element to Hex FF3D66 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
#FF3D66 }
```

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

```
.border{ border-color:#FF3D66 }
```

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

Here you see how a box with a 4 pixel #FF3D66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3D66; -webkit-box-shadow:4px 4px  
4px 4px #FF3D66; box-shadow:4px 4px 4px  
4px #FF3D66 }
```

Background

The CSS property to change the background color of an element to Hex FF3D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3D66 }
```

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

```
.background{ background-color:#FF3D66 }
```

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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