

Converting Colors

Hex(FF3966)

Have a look what the booklet for
Hex(FF3966) contains.

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Color

Hex(FF3966)

Conversions

Conversions Part 1

Format	Color
Hex	FF3966
RGB	255, 57, 102
RGB Percent	100%, 22%, 40%
CMY	0.0000, 0.7765, 0.6000
CMYK	0.00, 0.78, 0.60, 0.00
HSL	346°, 100%, 61%
HSV	346°, 78%, 100%
XYZ	45.1014, 25.1456, 15.0468
YIQ	121.3320, 103.5630, 55.9710

Conversions

Conversions Part 2

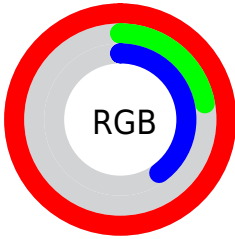
Format	Color
R_{YB}	255, 57, 102
Decimal	16726374
CIE _{Lab}	57.22, 74.40, 22.84
CIE _{LCh}	57, 77.825, 17.062
Yxy	25.1456, 0.5288, 0.2948
Android (android.graphics.Color)	4294916454 (0xFFFF3966)
YUV	121.3320, -9.5307, 117.2268
Hunter-Lab	50.1454, 72.7909, 17.3109

Details

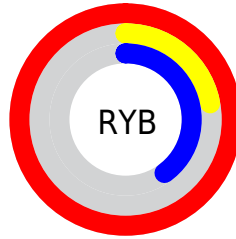
The Hex color **FF3966** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **39FFD2**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF7999**, and **BF0038** is the 20% darker color. If you saturate the color by 10%, you get **FF1F52**, and if you desaturate by 10%, it is **FF527A**.

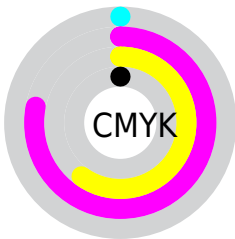
Distribution



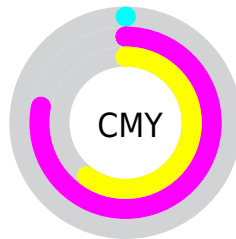
- Red (100%)
- Green (22%)
- Blue (40%)



- Red (100%)
- Yellow (22%)
- Blue (40%)



- Cyan (0%)
- Magenta (78%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (78%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3966 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 FF3966 by changing the saturation by 10% instead.

 FF3966

 FF3966

FFFFFF

 DF004E

 FF7999

 BF0038

 FF97B3

 9F0023

 FFB5CF

 80000F

 FFD3EB

 610002

 FFF1FF

 430003

 210001

 000000

 FF3966

 FF3966

 FF1F52

 FF527A

 FF063F

 FF6C8D

 FF003A

 FF85A1

 FF9FB5

 FFB8C9

 FFD2DC

 FFEBF0

FFFFFF

Harmonies

Analogous

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



F23DAA



FF3966



EA5B24

Triad

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



FF3966



1E9F1D



009AFF

Complementary

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



FF3966



39FFD2

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.



00A4EC



FF3966



00A569

Square

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



FF3966



829200



00A7AF



2784FF

Rectangle

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



FF3966



CF7200



00A7AF



009FFF

Sweetspot

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



FF3966



FFC4D2



D139FF



805C64



000000



808080

Same Dimension

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



FF3966



FF1248



FF6E39



807376



BF002B



40000E

Inverse Universe

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



FF3966



FF1248



39CAFF



807376



BF002B



40000E

Previews

White Background



This preview shows how the Hex color FF3966 looks on a white background.

Color Contrast Check

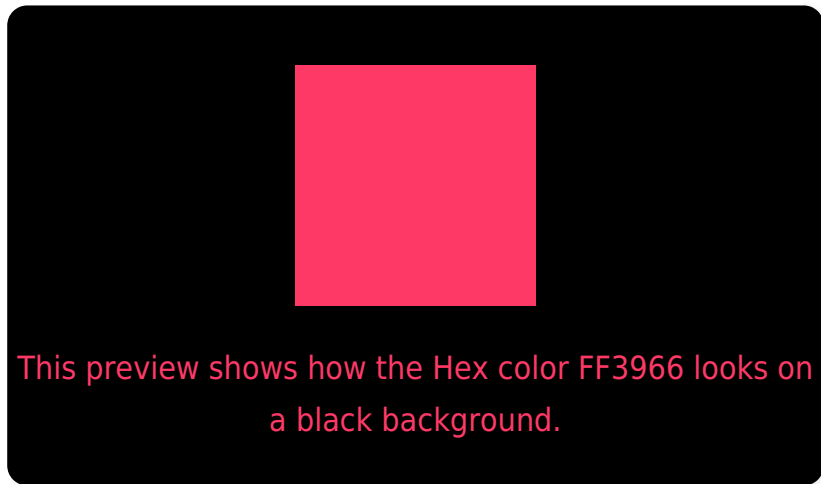
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3966 Background



This preview shows how black text looks on a background with the Hex color FF3966.



This preview shows how white text looks on a background with the Hex color FF3966.

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
FF3966



Protanomaly
B66C7D



Deuteranomaly
C66960



Tritanomaly
FE3E50

Monochromacy



Original Color
FF3966



Achromatopsia
797979



Achromatomaly
AA6272

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3966 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 #FF3966 looks like.

```
.text, #text, p{  
    color:#FF3966  
}
```

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 #FF3966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3966
}
```

Border

The CSS property to change the border of an element to Hex FF3966 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
#FF3966 }
```

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

```
.border{ border-color:#FF3966 }
```

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

Here you see how a box with a 4 pixel #FF3966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3966; -webkit-box-shadow:4px 4px  
4px 4px #FF3966; box-shadow:4px 4px 4px  
4px #FF3966 }
```

Background

The CSS property to change the background color of an element to Hex FF3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3966 }
```

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

```
.background{ background-color:#FF3966 }
```

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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