

Converting Colors

Hex(FF3B96)

Have a look what the booklet for
Hex(FF3B96) contains.

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Color

Hex(F3B96)

Conversions

Conversions Part 1

Format	Color
Hex	FF3B96
RGB	255, 59, 150
RGB Percent	100%, 23%, 59%
CMY	0.0000, 0.7686, 0.4118
CMYK	0.00, 0.77, 0.41, 0.00
HSL	332°, 100%, 62%
HSV	332°, 77%, 100%
XYZ	48.3090, 26.5899, 31.4404
YIQ	127.9780, 87.6050, 69.8530

Conversions

Conversions Part 2

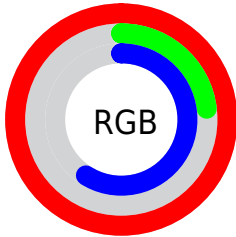
Format	Color
R _Y B	255, 59, 150
Decimal	16726934
CIE Lab	58.59, 77.50, -3.58
CIE LCh	59, 77.587, 357.352
Yxy	26.5899, 0.4543, 0.2500
Android (android.graphics.Color)	4294917014 (0xFFFF3B96)
YUV	127.9780, 10.8568, 111.3983
Hunter-Lab	51.5654, 76.9879, -0.0544

Details

The Hex color **FF3B96** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **3BFFA4**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF7CCC**, and **C10063** is the 20% darker color. If you saturate the color by 10%, you get **FF2188**, and if you desaturate by 10%, it is **FF55A4**.

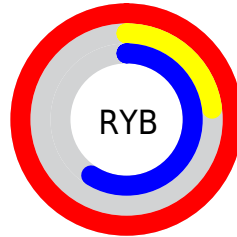
Distribution



Red (100%)

Green (23%)

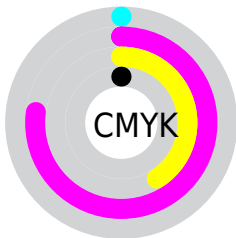
Blue (59%)



Red (100%)

Yellow (23%)

Blue (59%)

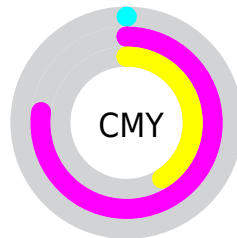


Cyan (0%)

Magenta (77%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3B96 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 FF3B96 by changing the saturation by 10% instead.

 FF3B96

 FF3B96

FFFFFF

 E0017C

 FF7CCC

 C10063

 FF9AE8

 A2004C

 FFB8FF

 830035

 FFD6FF

 650020

 FFF4FF

 4A0007

 290001

 000000

 FF3B96

 FF3B96

 FF2188

 FF55A4

 FF087B

 FF6EB1

 FF0076

 FF88BF

 FFA1CD

 FFBBDA

 FFD4E8

 FFEEF6

FFFFFF

Harmonies

Analogous

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



D759D7



FF3B96



FF4853

Triad

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



FF3B96



6D9B00



00A6FF

Complementary

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



FF3B96



3BFFA4

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.



00ABCA



FF3B96



00A53D

Square

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



FF3B96



AF8800



00AA85



0097FF

Rectangle

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



FF3B96



EE5F27



00AA85



00A8F0

Sweetspot

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



FF3B96



FFC4E0



A43BFF



805C6C



000000



808080

Same Dimension

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



FF3B96



FF1481



FF423B



807379



BF0059



40001E

Inverse Universe

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



FF3B96



FF1481



3BF8FF



807379



BF0059



40001E

Previews

White Background



This preview shows how the Hex color FF3B96 looks on a white background.

Color Contrast Check

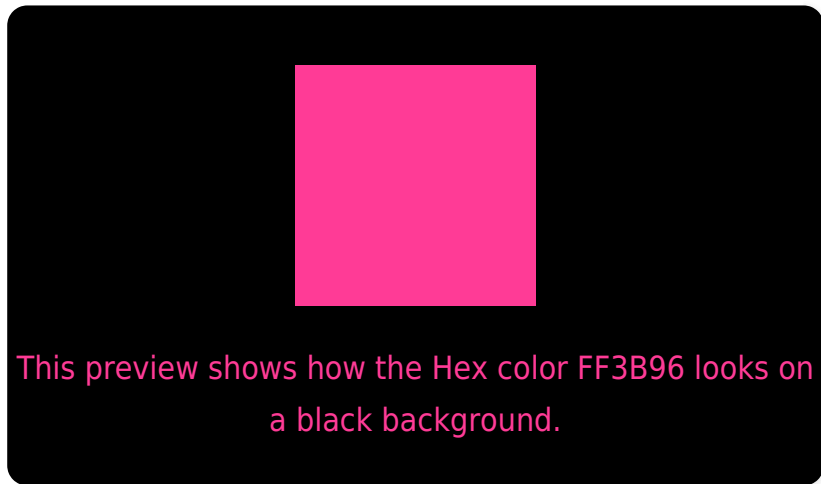
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3B96 Background



This preview shows how black text looks on a background with the Hex color FF3B96.



This preview shows how white text looks on a background with the Hex color FF3B96.

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
FB4E52

Trichromacy



Original Color
FF3B96



Protanomaly
AA6EB6



Deuteranomaly
BF6D90



Tritanomaly
FC476B

Monochromacy



Original Color
FF3B96



Achromatopsia
808080



Achromatomaly
AE6788

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3B96 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 #FF3B96 looks like.

```
.text, #text, p{  
    color:#FF3B96  
}
```

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 #FF3B96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3B96
}
```

Border

The CSS property to change the border of an element to Hex FF3B96 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
#FF3B96 }
```

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

```
.border{ border-color:#FF3B96 }
```

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

Here you see how a box with a 4 pixel #FF3B96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3B96; -webkit-box-shadow:4px 4px  
4px 4px #FF3B96; box-shadow:4px 4px 4px  
4px #FF3B96 }
```

Background

The CSS property to change the background color of an element to Hex FF3B96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3B96 }
```

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

```
.background{ background-color:#FF3B96 }
```

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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