

Converting Colors

Hex(FF3D99)

Have a look what the booklet for
Hex(FF3D99) contains.

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Color

Hex(FF3D99)

Conversions

Conversions Part 1

Format	Color
Hex	FF3D99
RGB	255, 61, 153
RGB Percent	100%, 24%, 60%
CMY	0.0000, 0.7608, 0.4000
CMYK	0.00, 0.76, 0.40, 0.00
HSL	332°, 100%, 62%
HSV	332°, 76%, 100%
XYZ	48.6585, 26.8974, 32.7641
YIQ	129.4940, 86.0920, 69.7400

Conversions

Conversions Part 2

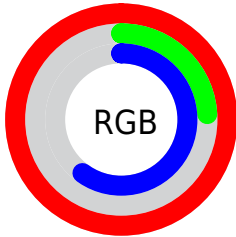
Format	Color
RYB	255, 61, 153
Decimal	16727449
CIELab	58.88, 77.23, -4.92
CIElCh	59, 77.386, 356.355
Yxy	26.8974, 0.4492, 0.2483
Android (android.graphics.Color)	4294917529 (0xFFFF3D99)
YUV	129.4940, 11.5885, 110.0688
Hunter-Lab	51.8627, 76.7122, -1.1524

Details

The Hex color **FF3D99** 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 **3DFFA3**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF7DCF**, and **C10066** is the 20% darker color. If you saturate the color by 10%, you get **FF238C**, and if you desaturate by 10%, it is **FF57A6**.

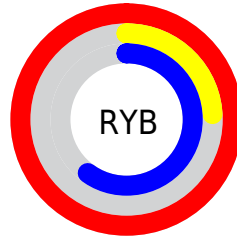
Distribution



Red (100%)

Green (24%)

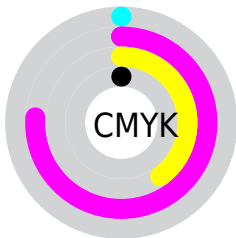
Blue (60%)



Red (100%)

Yellow (24%)

Blue (60%)

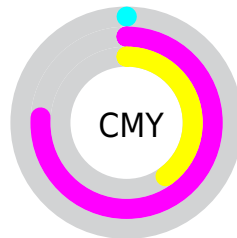


Cyan (0%)

Magenta (76%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (76%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3D99 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 FF3D99 by changing the saturation by 10% instead.

 FF3D99

 FF3D99

FFFFFF

 E0087F

 FF7DCF

 C10066

 FF9CEB

 A2004E

 FFB9FF

 840038

 FFD7FF

 660022

 FFF6FF

 4A000B

 2A0001

 000000

 FF3D99

 FF3D99

 FF238C

 FF57A6

 FF0A7E

 FF70B4

 FF0079

 FF8AC1

 FFA3CF

 FFBDDC

 FFD6E9

 FFF0F7

FFFFFF

Harmonies

Analogous

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



D65BDA



FF3D99



FF4856

Triad

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



FF3D99



709B00



00A7FF

Complementary

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



FF3D99



3DFFA3

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.



00ABC8



FF3D99



00A63C

Square

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



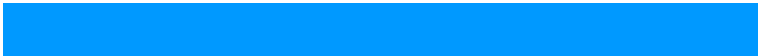
FF3D99



B28800



00AB83



0099FF

Rectangle

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



FF3D99



F05F2B



00AB83



00A9EF

Sweetspot

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



FF3D99



FFC4E0



A13DFF



805C6D



000000



808080

Same Dimension

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



FF3D99



FF1785



FF403D



807379



BF005B



40001E

Inverse Universe

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



FF3D99



FF1785



3DFCFF



807379



BF005B



40001E

Previews

White Background



This preview shows how the Hex color FF3D99 looks on a white background.

Color Contrast Check

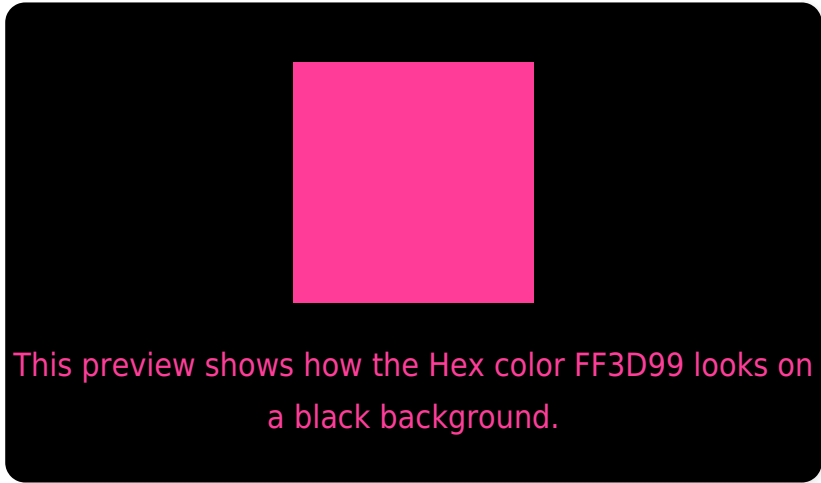
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3D99 Background



This preview shows how black text looks on a background with the Hex color FF3D99.



This preview shows how white text looks on a background with the Hex color FF3D99.

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
FF3D99



Protanomaly
AA6FB9



Deuteranomaly
BF6D93



Tritanomaly
FC496E

Monochromacy



Original Color
FF3D99



Achromatopsia
818181



Achromatomaly
AF688A

CSS Examples

Text

The CSS property to change the color of the text to Hex FF3D99 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 #FF3D99 looks like.

```
.text, #text, p{  
    color:#FF3D99  
}
```

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 #FF3D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3D99
}
```

Border

The CSS property to change the border of an element to Hex FF3D99 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
#FF3D99 }
```

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

```
.border{ border-color:#FF3D99 }
```

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

Here you see how a box with a 4 pixel #FF3D99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3D99; -webkit-box-shadow:4px 4px  
4px 4px #FF3D99; box-shadow:4px 4px 4px  
4px #FF3D99 }
```

Background

The CSS property to change the background color of an element to Hex FF3D99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3D99 }
```

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

```
.background{ background-color:#FF3D99 }
```

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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