

# Converting Colors

Hex(FF2BA3)

Have a look what the booklet for  
Hex(FF2BA3) contains.

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# Color

**Hex(FF2BA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2BA3
RGB	255, 43, 163
RGB Percent	100%, 17%, 64%
CMY	0.0000, 0.8314, 0.3608
CMYK	0.00, 0.83, 0.36, 0.00
HSL	326°, 100%, 58%
HSV	326°, 83%, 100%
XYZ	48.7147, 25.6321, 37.0303
YIQ	120.0680, 87.8320, 82.2640

# Conversions

## Conversions Part 2

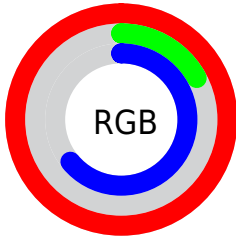
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 43, 163</a>
Decimal	<a href="#">16722851</a>
CIELab	<a href="#">57.69, 82.53, -12.56</a>
CIELCh	<a href="#">58, 83.476, 351.348</a>
Yxy	<a href="#">25.6321, 0.4374, 0.2301</a>
Android (android.graphics.Color)	<a href="#">4294912931 (0xFFFF2BA3)</a>
YUV	<a href="#">120.0680, 21.1655, 118.3354</a>
Hunter-Lab	<a href="#">50.6282, 83.1546, -7.9260</a>

# Details

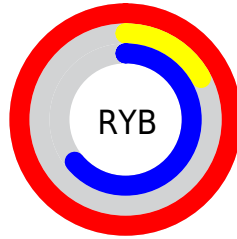
The Hex color **FF2BA3** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **2BFF87**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF73DA**, and **C1006F** is the 20% darker color. If you saturate the color by 10%, you get **FF1298**, and if you desaturate by 10%, it is **FF45AE**.

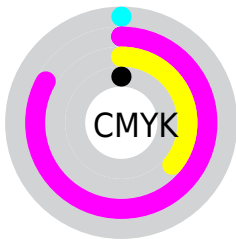
# Distribution



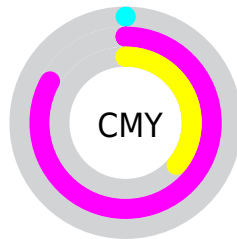
- Red (100%)
- Green (17%)
- Blue (64%)



- Red (100%)
- Yellow (17%)
- Blue (64%)



- Cyan (0%)
- Magenta (83%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (83%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2BA3 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 FF2BA3 by changing the saturation by 10% instead.



 FF2BA3

 FF2BA3

FFFFFF

 E00089

 FF73DA

 C1006F

 FF92F6

 A20057

 FFB0FF

 840040

 FFCEFF

 66002A

 FFEDFF

 490015

 2A0001

 000000

 FF2BA3

 FF2BA3

■ FF1298

■ FF45AE

■ FF0090

■ FF5EB9

■ FF78C4

■ FF91CF

■ FFABDA

■ FFC4E5

■ FFDEF0

■ FFF7FC

FFFFFF

# Harmonies

## Analogous

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



CB59E7



FF2BA3



FF315B

# Triad

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



FF2BA3



769600



00A6FC

# Complementary

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



FF2BA3



2BFF87

# 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.



00AABE



FF2BA3



00A321

# Square

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



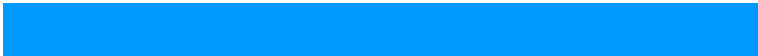
FF2BA3



B98000



00A872



009AFF

# Rectangle

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



FF2BA3



F84F2B



00A872



00A8EA



# Sweetspot

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



FF2BA3



FFBFE3



872BFF



80596F



000000



808080



# Same Dimension

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



FF2BA3



FF0090



FF2B39



80737A



BF006C



400024



# Inverse Universe

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



FF2BA3



FF0090



2BFFF1



80737A



BF006C



400024



# Previews

## White Background



This preview shows how the Hex color FF2BA3 looks on a white background.

## Color Contrast Check

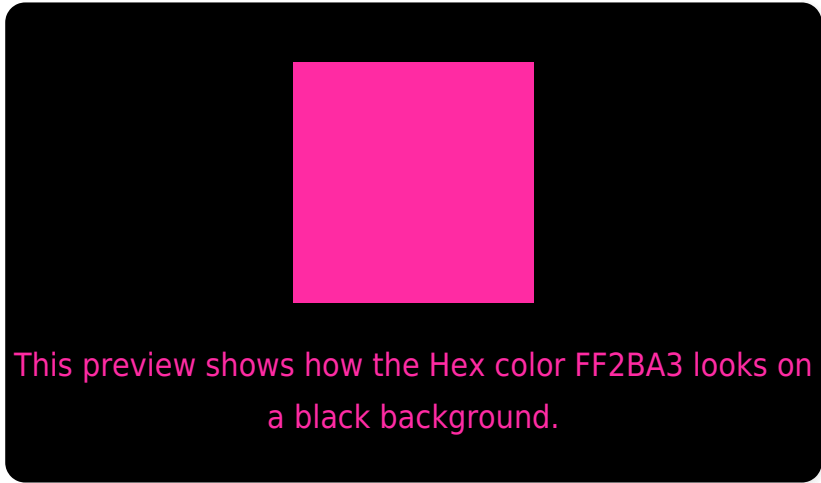
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2BA3 Background



This preview shows how black text looks on a background with the Hex color FF2BA3.



This preview shows how white text looks on a background with the Hex color FF2BA3.

# 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**  
F94A4D

# Trichromacy



**Original Color**  
FF2BA3



**Protanomaly**  
A066CA



**Deuteranomaly**  
BA669C



**Tritanomaly**  
FB3F6C

# Monochromacy



**Original Color**  
FF2BA3



**Achromatopsia**  
787878



**Achromatomaly**  
A95C88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2BA3 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 #FF2BA3 looks like.

```
.text, #text, p{  
    color:#FF2BA3  
}
```

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 #FF2BA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2BA3
}
```

## Border

The CSS property to change the border of an element to Hex FF2BA3 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
#FF2BA3 }
```

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

```
.border{ border-color:#FF2BA3 }
```

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

Here you see how a box with a 4 pixel #FF2BA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2BA3; -webkit-box-shadow:4px 4px  
4px 4px #FF2BA3; box-shadow:4px 4px 4px  
4px #FF2BA3 }
```

# Background

The CSS property to change the background color of an element to Hex FF2BA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2BA3 }
```

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

```
.background{ background-color:#FF2BA3 }
```

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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