

Converting Colors

Hex(FF3BA1)

Have a look what the booklet for
Hex(FF3BA1) contains.

Hex(FF3BA1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FF3BA1)

Conversions

Conversions Part 1

Format	Color
Hex	FF3BA1
RGB	255, 59, 161
RGB Percent	100%, 23%, 63%
CMY	0.0000, 0.7686, 0.3686
CMYK	0.00, 0.77, 0.37, 0.00
HSL	329°, 100%, 62%
HSV	329°, 77%, 100%
XYZ	49.2370, 26.9611, 36.3272
YIQ	129.2320, 84.0740, 73.2740

Conversions

Conversions Part 2

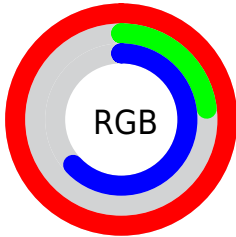
Format	Color
R _{YB}	255, 59, 161
Decimal	16726945
CIE Lab	58.94, 78.55, -9.51
CIE LCh	59, 79.127, 353.097
Yxy	26.9611, 0.4376, 0.2396
Android (android.graphics.Color)	4294917025 (0xFFFF3BA1)
YUV	129.2320, 15.6616, 110.2985
Hunter-Lab	51.9241, 78.3952, -5.1336

Details

The Hex color **FF3BA1** 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 **3BFF99**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FF7CD8**, and **C1006E** is the 20% darker color. If you saturate the color by 10%, you get **FF2195**, and if you desaturate by 10%, it is **FF55AD**.

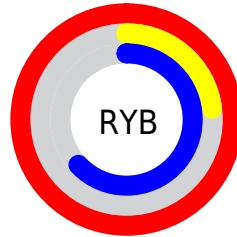
Distribution



Red (100%)

Green (23%)

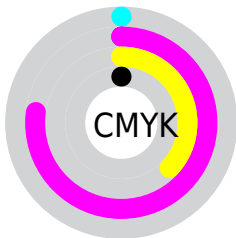
Blue (63%)



Red (100%)

Yellow (23%)

Blue (63%)

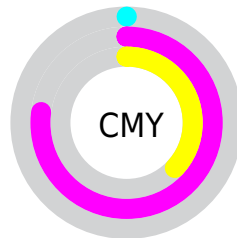


Cyan (0%)

Magenta (77%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF3BA1 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 FF3BA1 by changing the saturation by 10% instead.

 FF3BA1

 FF3BA1

FFFFFF

 E00087

 FF7CD8

 C1006E

 FF9BF4

 A20055

 FFB9FF

 84003E

 FFD7FF

 660028

 FFF5FF

 4A0014

 2B0001

 000000

 FF3BA1

 FF3BA1

 FF2195

 FF55AD

 FF0889

 FF6EB9

 FF0085

 FF88C6

 FFA1D2

 FFBBDE

 FFD4EA

 FFEEF7

FFFFFF

Harmonies

Analogous

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



D05EE2



FF3BA1



FF425C

Triad

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



FF3BA1



789A00



00A8FD

Complementary

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



FF3BA1



3BFF99

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.



00ACC3



FF3BA1



00A631

Square

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



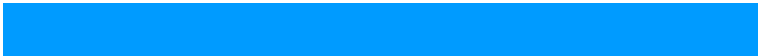
FF3BA1



B98500



00AB7B



009BFF

Rectangle

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



FF3BA1



F55A30



00AB7B



00AAEC

Sweetspot

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



FF3BA1



FFC4E3



963BFF



805C6E



000000



808080

Same Dimension

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



FF3BA1



FF148E



FF3B42



807379



BF0064



400021

Inverse Universe

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



FF3BA1



FF148E



3BFFF8



807379



BF0064



400021

Previews

White Background



This preview shows how the Hex color FF3BA1 looks on a white background.

Color Contrast Check

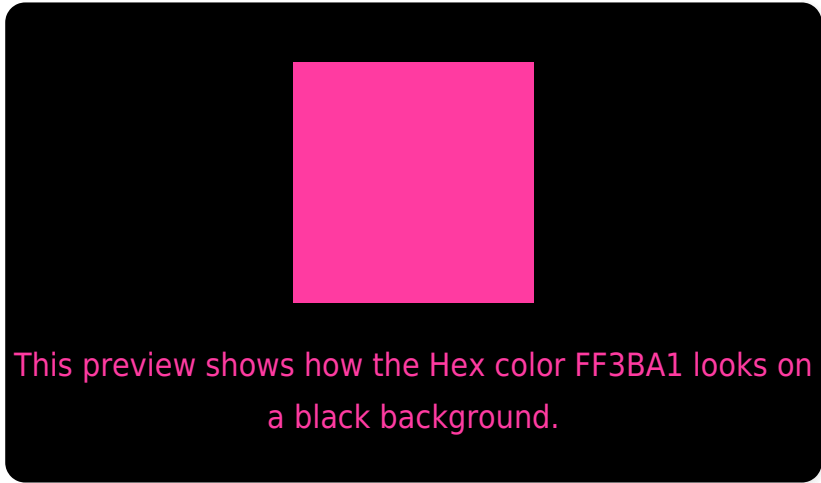
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3BA1 Background



This preview shows how black text looks on a background with the Hex color FF3BA1.



This preview shows how white text looks on a background with the Hex color FF3BA1.

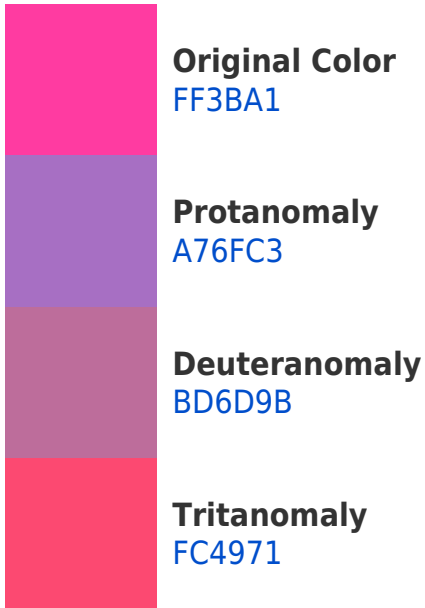
Color Blindness Simulation

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](#).

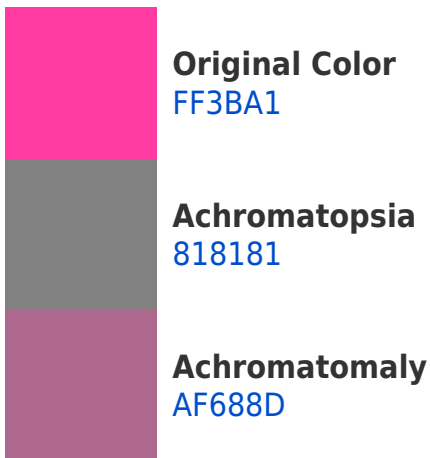
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF3BA1 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 #FF3BA1 looks like.

```
.text, #text, p{  
    color:#FF3BA1  
}
```

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 #FF3BA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3BA1
}
```

Border

The CSS property to change the border of an element to Hex FF3BA1 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
#FF3BA1 }
```

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

```
.border{ border-color:#FF3BA1 }
```

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

Here you see how a box with a 4 pixel #FF3BA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3BA1; -webkit-box-shadow:4px 4px  
4px 4px #FF3BA1; box-shadow:4px 4px 4px  
4px #FF3BA1 }
```

Background

The CSS property to change the background color of an element to Hex FF3BA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3BA1 }
```

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

```
.background{ background-color:#FF3BA1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor