

# Converting Colors

Hex(FF3BB5)

Have a look what the booklet for  
Hex(FF3BB5) contains.

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# Color

Hex(**FF3BB5**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3BB5
RGB	255, 59, 181
RGB Percent	100%, 23%, 71%
CMY	0.0000, 0.7686, 0.2902
CMYK	0.00, 0.77, 0.29, 0.00
HSL	323°, 100%, 62%
HSV	323°, 77%, 100%
XYZ	51.1445, 27.7241, 46.3717
YIQ	131.5120, 77.6540, 79.4940

# Conversions

## Conversions Part 2

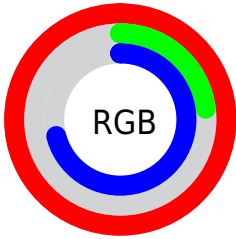
Format	Color
<a href="#">RYB</a>	<a href="#">255, 59, 181</a>
Decimal	<a href="#">16726965</a>
CIELab	<a href="#">59.64, 80.65, -20.06</a>
CIElCh	<a href="#">60, 83.113, 346.032</a>
Yxy	<a href="#">27.7241, 0.4084, 0.2214</a>
Android (android.graphics.Color)	<a href="#">4294917045 (0xFFFF3BB5)</a>
YUV	<a href="#">131.5120, 24.3976, 108.2990</a>
Hunter-Lab	<a href="#">52.6537, 81.2396, -15.3587</a>

# Details

The Hex color **FF3BB5** 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 **3BFF85**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF7DED**, and **C10080** is the 20% darker color. If you saturate the color by 10%, you get **FF21AB**, and if you desaturate by 10%, it is **FF55BF**.

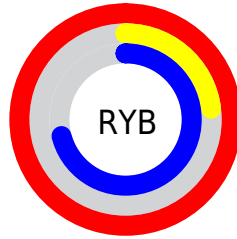
# Distribution



Red (100%)

Green (23%)

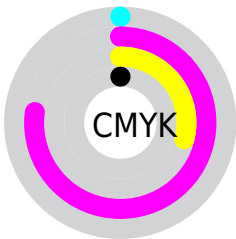
Blue (71%)



Red (100%)

Yellow (23%)

Blue (71%)

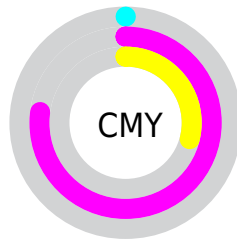


Cyan (0%)

Magenta (77%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (77%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF3BB5 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 FF3BB5 by changing the saturation by 10% instead.



 FF3BB5

 FF3BB5

FFFFFF

 E0009A

 FF7DED

 C10080

 FF9BFF

 A30067

 FFB9FF

 85004F

 FFD8FF

 680038

 FFF6FF

 4C0022

 2E0007

 000000

 FF3BB5

 FF3BB5

 FF21AB

 FF55BF

 FF08A2

 FF6EC8

 FF009F

 FF88D2

 FFA1DC

 FFBBE5

 FFD4EF

 FFEEF8

FFFFFF

# Harmonies

## Analogous

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



C267F6



FF3BB5



FF346C

# Triad

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



FF3BB5



899800



00ADF8

# Complementary

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



FF3BB5



3BFF85

# 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.



00AFB6



FF3BB5



1DA613

# Square

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



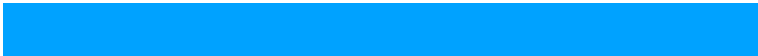
FF3BB5



C98000



00AD6A



00A2FF

# Rectangle

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



FF3BB5



FF4D3D



00AD6A



00AEE5



# Sweetspot

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



FF3BB5



FFC4E9



833BFF



805C72



000000



808080



# Same Dimension

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



FF3BB5



FF14A6



FF3B55



80737B



BF0077



400028



# Inverse Universe

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



FF3BB5



FF14A6



3BFFE5



80737B



BF0077



400028



# Previews

## White Background



This preview shows how the Hex color FF3BB5 looks on a white background.

## Color Contrast Check

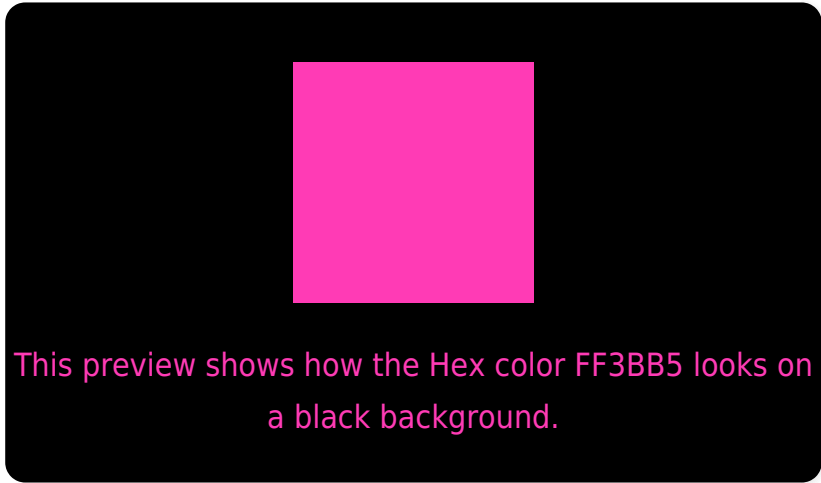
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF3BB5 Background



This preview shows how black text looks on a background with the Hex color FF3BB5.

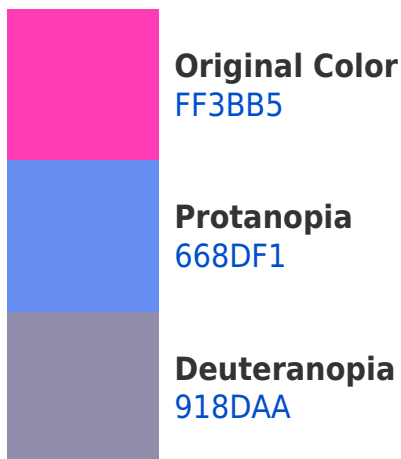


This preview shows how white text looks on a background with the Hex color FF3BB5.

# 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**  
F8575C

# Trichromacy



**Original Color**  
FF3BB5



**Protanomaly**  
9E6FDB



**Deuteranomaly**  
B96FAE



**Tritanomaly**  
FB4D7C

# Monochromacy



**Original Color**  
FF3BB5



**Achromatopsia**  
848484



**Achromatomaly**  
B16996

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF3BB5 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 #FF3BB5 looks like.

```
.text, #text, p{  
    color:#FF3BB5  
}
```

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 #FF3BB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF3BB5
}
```

## Border

The CSS property to change the border of an element to Hex FF3BB5 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
#FF3BB5 }
```

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

```
.border{ border-color:#FF3BB5 }
```

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

Here you see how a box with a 4 pixel #FF3BB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF3BB5; -webkit-box-shadow:4px 4px  
4px 4px #FF3BB5; box-shadow:4px 4px 4px  
4px #FF3BB5 }
```

# Background

The CSS property to change the background color of an element to Hex FF3BB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF3BB5 }
```

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

```
.background{ background-color:#FF3BB5 }
```

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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