

Converting Colors

Hex(FF2BB0)

Have a look what the booklet for
Hex(FF2BB0) contains.

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Color

Hex(FE2BB0)

Conversions

Conversions Part 1

Format	Color
Hex	FF2BB0
RGB	255, 43, 176
RGB Percent	100%, 17%, 69%
CMY	0.0000, 0.8314, 0.3098
CMYK	0.00, 0.83, 0.31, 0.00
HSL	322°, 100%, 58%
HSV	322°, 83%, 100%
XYZ	49.9404, 26.1223, 43.4843
YIQ	121.5500, 83.6590, 86.3070

Conversions

Conversions Part 2

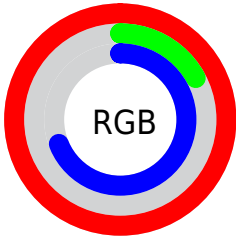
Format	Color
RYB	255, 43, 176
Decimal	16722864
CIELab	58.15, 83.84, -19.43
CIELCh	58, 86.065, 346.950
Yxy	26.1223, 0.4177, 0.2185
Android (android.graphics.Color)	4294912944 (0xFFFF2BB0)
YUV	121.5500, 26.8439, 117.0357
Hunter-Lab	51.1100, 84.9724, -14.6667

Details

The Hex color **FF2BB0** 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 **2BFF7A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF73E8**, and **C1007B** is the 20% darker color. If you saturate the color by 10%, you get **FF12A6**, and if you desaturate by 10%, it is **FF45BA**.

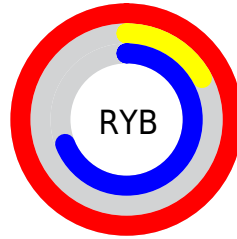
Distribution



Red (100%)

Green (17%)

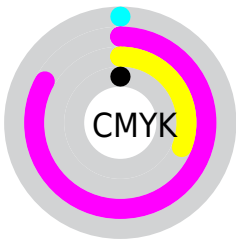
Blue (69%)



Red (100%)

Yellow (17%)

Blue (69%)

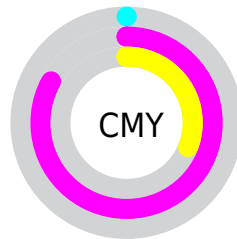


Cyan (0%)

Magenta (83%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (83%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF2BB0 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 FF2BB0 by changing the saturation by 10% instead.

 FF2BB0

 FF2BB0

FFFFFF

 E00095

 FF73E8

 C1007B

 FF92FF

 A20062

 FFB1FF

 84004A

 FFCFFF

 670034

 FFEFFF

 4A001F

 2D0001

 000000

 FF2BB0

 FF2BB0

 FF12A6

 FF45BA

 FF00A0

 FF5EC3

 FF78CD

 FF91D6

 FFABE0

 FFC4E9

 FFDEF3

 FFF7FC

FFFFFF

Harmonies

Analogous

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



C25FF4



FF2BB0



FF2465

Triad

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



FF2BB0



829500



00A9FA

Complementary

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



FF2BB0



2BFF7A

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.



00ACB6



FF2BB0



00A304

Square

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



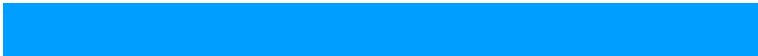
FF2BB0



C47D00



00AA67



009EFF

Rectangle

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



FF2BB0



FF4634



00AA67



00ABE5

Sweetspot

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



FF2BB0



FFBFE7



792BFF



805971



000000



808080

Same Dimension

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



FF2BB0



FF00A0



FF2B47



80737B



BF0078



400028

Inverse Universe

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



FF2BB0



FF00A0



2BFFE3



80737B



BF0078



400028

Previews

White Background



This preview shows how the Hex color FF2BB0 looks on a white background.

Color Contrast Check

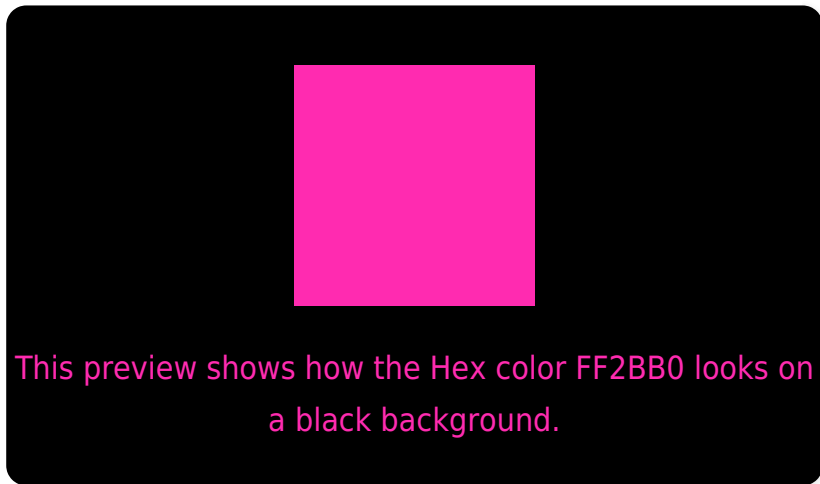
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2BB0 Background



This preview shows how black text looks on a background with the Hex color FF2BB0.

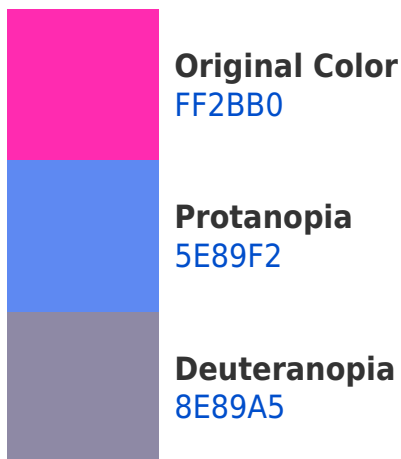


This preview shows how white text looks on a background with the Hex color FF2BB0.

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
F84E52

Trichromacy



Original Color
FF2BB0



Protanomaly
9967DA



Deuteranomaly
B767A9



Tritanomaly
FB4174

Monochromacy



Original Color
FF2BB0



Achromatopsia
7A7A7A



Achromatomaly
AA5D8E

CSS Examples

Text

The CSS property to change the color of the text to Hex FF2BB0 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 #FF2BB0 looks like.

```
.text, #text, p{  
    color:#FF2BB0  
}
```

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 #FF2BB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2BB0
}
```

Border

The CSS property to change the border of an element to Hex FF2BB0 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
#FF2BB0 }
```

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

```
.border{ border-color:#FF2BB0 }
```

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

Here you see how a box with a 4 pixel #FF2BB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2BB0; -webkit-box-shadow:4px 4px  
4px 4px #FF2BB0; box-shadow:4px 4px 4px  
4px #FF2BB0 }
```

Background

The CSS property to change the background color of an element to Hex FF2BB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2BB0 }
```

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

```
.background{ background-color:#FF2BB0 }
```

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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