

# Converting Colors

Hex(FF2AB7)

Have a look what the booklet for  
Hex(FF2AB7) contains.

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**Color**

**Hex(FF2AB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2AB7
RGB	255, 42, 183
RGB Percent	100%, 16%, 72%
CMY	0.0000, 0.8353, 0.2824
CMYK	0.00, 0.84, 0.28, 0.00
HSL	320°, 100%, 58%
HSV	320°, 84%, 100%
XYZ	50.6152, 26.3348, 47.2152
YIQ	121.7610, 81.6870, 89.0070

# Conversions

## Conversions Part 2

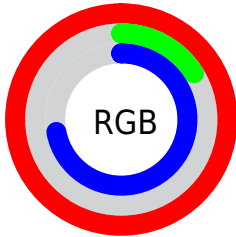
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 42, 183
Decimal	16722615
CIE <sub>Lab</sub>	58.35, 84.79, -23.18
CIE <sub>LCh</sub>	58, 87.900, 344.706
Yxy	26.3348, 0.4076, 0.2121
Android (android.graphics.Color)	4294912695 (0xFFFF2AB7)
YUV	121.7610, 30.1908, 116.8506
Hunter-Lab	51.3175, 86.2517, -18.6281

# Details

The Hex color **FF2AB7** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **2AFF72**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF73EF**, and **C10082** is the 20% darker color. If you saturate the color by 10%, you get **FF10AE**, and if you desaturate by 10%, it is **FF43C0**.

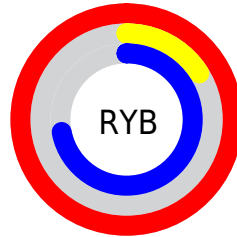
# Distribution



Red (100%)

Green (16%)

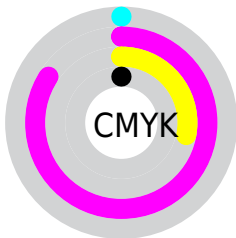
Blue (72%)



Red (100%)

Yellow (16%)

Blue (72%)

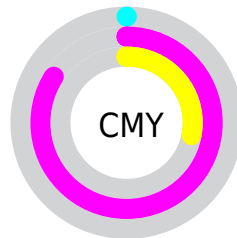


Cyan (0%)

Magenta (84%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (84%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2AB7 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 FF2AB7 by changing the saturation by 10% instead.



 FF2AB7

 FF2AB7

FFFFFF

 E0009C

 FF73EF

 C10082

 FF92FF

 A30069

 FFB1FF

 850050

 FFCFFF

 670039

 FFEEFF

 4B0023

 2D0009

 000000

 FF2AB7

 FF2AB7

 FF10AE

 FF43C0

 FF00A9

 FF5DC8

 FF77D1

 FF90D9

 FFAAE2

 FFC3EB

 FFDDF3

 FFF6FC

FFFFFF

# Harmonies

## Analogous

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



BC62FB



FF2AB7



FF196A

# Triad

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



FF2AB7



879500



00ABF8

# Complementary

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



FF2AB7



2AFF72

# 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.



00ADB1



FF2AB7



08A300

# Square

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



FF2AB7



CA7A00



00AA61



00A1FF

# Rectangle

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



FF2AB7



FF3F39



00AA61



00ACE3



# Sweetspot

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



FF2AB7



FFBFE9



712AFF



805973



000000



808080



# Same Dimension

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



FF2AB7



FF00A9



FF2A4E



80737B



BF007F



40002A



# Inverse Universe

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



FF2AB7



FF00A9



2AFFDB



80737B



BF007F



40002A



# Previews

## White Background



This preview shows how the Hex color FF2AB7 looks on a white background.

## Color Contrast Check

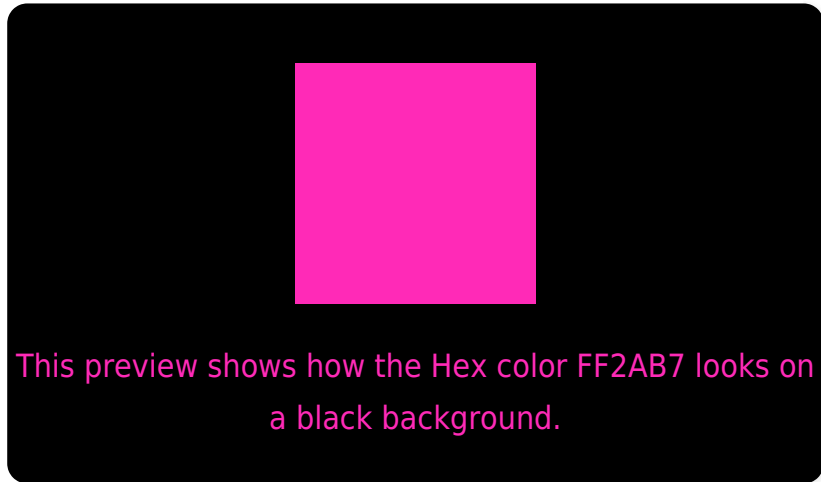
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2AB7 Background



This preview shows how black text looks on a background with the Hex color FF2AB7.

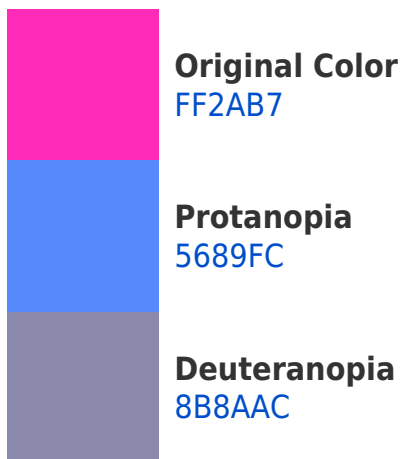


This preview shows how white text looks on a background with the Hex color FF2AB7.

# 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**  
F85054

# Trichromacy



**Original Color**  
FF2AB7



**Protanomaly**  
9366E3



**Deuteranomaly**  
B567B0



**Tritanomaly**  
FB4278

# Monochromacy



**Original Color**  
FF2AB7



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
AA5D90

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2AB7 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 #FF2AB7 looks like.

```
.text, #text, p{  
  color:#FF2AB7  
}
```

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 #FF2AB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2AB7
}
```

## Border

The CSS property to change the border of an element to Hex FF2AB7 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
#FF2AB7 }
```

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

```
.border{ border-color:#FF2AB7 }
```

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

Here you see how a box with a 4 pixel #FF2AB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2AB7; -webkit-box-shadow:4px 4px  
4px 4px #FF2AB7; box-shadow:4px 4px 4px  
4px #FF2AB7 }
```

# Background

The CSS property to change the background color of an element to Hex FF2AB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2AB7 }
```

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

```
.background{ background-color:#FF2AB7 }
```

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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