

# Converting Colors

Hex(FF2DA2)

Have a look what the booklet for  
Hex(FF2DA2) contains.

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**Color**

**Hex(FF2DA2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2DA2
RGB	255, 45, 162
RGB Percent	100%, 18%, 64%
CMY	0.0000, 0.8235, 0.3647
CMYK	0.00, 0.82, 0.36, 0.00
HSL	327°, 100%, 59%
HSV	327°, 82%, 100%
XYZ	48.7000, 25.7454, 36.5850
YIQ	121.1280, 87.6030, 80.9070

# Conversions

## Conversions Part 2

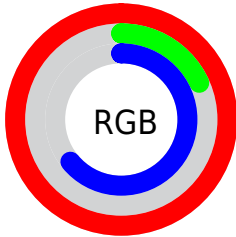
Format	Color
R <sub>Y</sub> B	255, 45, 162
Decimal	16723362
CIE <sub>Lab</sub>	57.79, 82.02, -11.81
CIE <sub>LCh</sub>	58, 82.864, 351.807
Y <sub>xy</sub>	25.7454, 0.4386, 0.2319
Android (android.graphics.Color)	4294913442 (0xFFFF2DA2)
YUV	121.1280, 20.1499, 117.4057
Hunter-Lab	50.7399, 82.5287, -7.2319

# Details

The Hex color **FF2DA2** 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 **2DFF8A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF74D9**, and **C1006E** is the 20% darker color. If you saturate the color by 10%, you get **FF1497**, and if you desaturate by 10%, it is **FF47AD**.

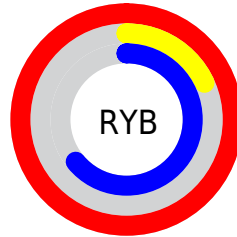
# Distribution



Red (100%)

Green (18%)

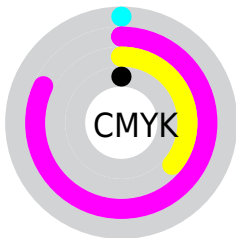
Blue (64%)



Red (100%)

Yellow (18%)

Blue (64%)

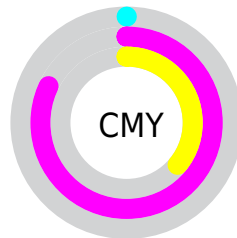


Cyan (0%)

Magenta (82%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2DA2 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 FF2DA2 by changing the saturation by 10% instead.



 FF2DA2

 FF2DA2

FFFFFF

 E00088


 FF74D9

 C1006E

 FF93F5

 A20056

 FFB1FF

 84003F

 FFCFFF

 660029

 FFEEFF

 490014

 2A0001

 000000

 FF2DA2

 FF2DA2

 FF1497

 FF47AD

 FF008E

 FF60B9

 FF7AC4

 FF93CF

 FFADDA

 FFC6E6

 FFE0F1

 FFF9FC

FFFFFF

# Harmonies

## Analogous

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



CC59E6



FF2DA2



FF345A

# Triad

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



FF2DA2



769700



00A6FD

# Complementary

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



FF2DA2



2DFF8A

# 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.



00AABF



FF2DA2



00A324

# Square

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



FF2DA2



B98100



00A974



009AFF

# Rectangle

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



FF2DA2



F7512B



00A974



00A8EB



# Sweetspot

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



FF2DA2



FFBFE3



882DFF



80596F



000000



808080



# Same Dimension

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



FF2DA2



FF038F



FF2D3B



80737A



BF006B



400024



# Inverse Universe

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



FF2DA2



FF038F



2DFFF1



80737A



BF006B



400024



# Previews

## White Background



This preview shows how the Hex color FF2DA2 looks on a white background.

## Color Contrast Check

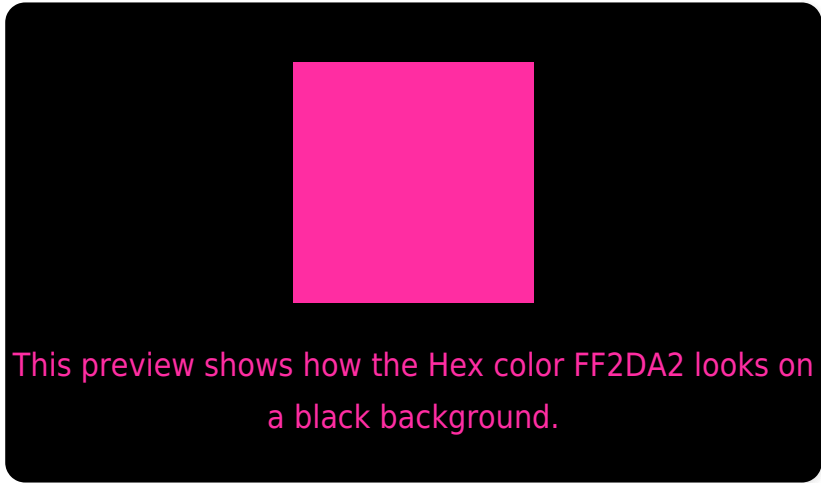
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2DA2 Background



This preview shows how black text looks on a background with the Hex color FF2DA2.



This preview shows how white text looks on a background with the Hex color FF2DA2.

# 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



**Original Color**  
FF2DA2

**Protanopia**  
6A88DE

**Deuteranopia**  
938797



**Tritanopia**  
FA4A4E

# Trichromacy



**Original Color**  
FF2DA2



**Protanomaly**  
A067C8



**Deuteranomaly**  
BA669B



**Tritanomaly**  
FC3F6D

# Monochromacy



**Original Color**  
FF2DA2



**Achromatopsia**  
797979



**Achromatomaly**  
AA5D88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2DA2 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 #FF2DA2 looks like.

```
.text, #text, p{  
    color:#FF2DA2  
}
```

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 #FF2DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2DA2
}
```

## Border

The CSS property to change the border of an element to Hex FF2DA2 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
#FF2DA2 }
```

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

```
.border{ border-color:#FF2DA2 }
```

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

Here you see how a box with a 4 pixel #FF2DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2DA2; -webkit-box-shadow:4px 4px  
4px 4px #FF2DA2; box-shadow:4px 4px 4px  
4px #FF2DA2 }
```

# Background

The CSS property to change the background color of an element to Hex FF2DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2DA2 }
```

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

```
.background{ background-color:#FF2DA2 }
```

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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