

# Converting Colors

Hex(FF2DC2)

Have a look what the booklet for  
Hex(FF2DC2) contains.

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# Color

Hex(**FF2DC2**)

# Conversions

## Conversions Part 1

Format	Color
Hex	FF2DC2
RGB	255, 45, 194
RGB Percent	100%, 18%, 76%
CMY	0.0000, 0.8235, 0.2392
CMYK	0.00, 0.82, 0.24, 0.00
HSL	317°, 100%, 59%
HSV	317°, 82%, 100%
XYZ	51.9160, 27.0318, 53.5203
YIQ	124.7760, 77.3310, 90.8590

# Conversions

## Conversions Part 2

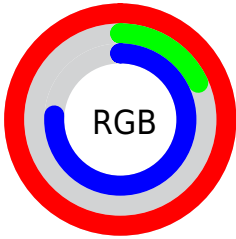
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 45, 194
Decimal	16723394
CIE <sub>Lab</sub>	59.00, 85.43, -28.52
CIE <sub>LCh</sub>	59, 90.062, 341.536
Yxy	27.0318, 0.3919, 0.2041
Android (android.graphics.Color)	4294913474 (0xFFFF2DC2)
YUV	124.7760, 34.1274, 114.2064
Hunter-Lab	51.9921, 87.2524, -24.6382

# Details

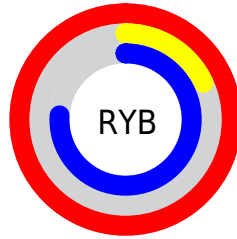
The Hex color **FF2DC2** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **2DFF6A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF75FB**, and **C1008C** is the 20% darker color. If you saturate the color by 10%, you get **FF14BB**, and if you desaturate by 10%, it is **FF47C9**.

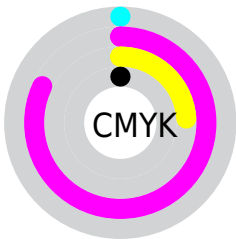
# Distribution



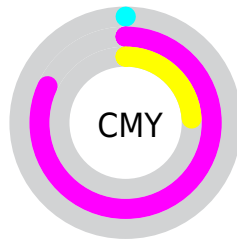
- Red (100%)
- Green (18%)
- Blue (76%)



- Red (100%)
- Yellow (18%)
- Blue (76%)



- Cyan (0%)
- Magenta (82%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (82%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF2DC2 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 FF2DC2 by changing the saturation by 10% instead.



 FF2DC2

 FF2DC2

FFFFFF

 E000A7

 FF75FB

 C1008C

 FF94FF

 A30072

 FFB2FF

 850059

 FFD1FF

 680042

 FFF0FF

 4C002B

 2E0015

 000000

 FF2DC2

 FF2DC2

■ FF14BB

■ FF47C9

■ FF00B5

■ FF60D1

■ FF7AD8

■ FF93E0

■ FFADE7

■ FFC6EE

■ FFE0F6

■ FFF9FD

FFFFFF

# Harmonies

## Analogous

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



B367FF



FF2DC2



FF0573

# Triad

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



FF2DC2



909400



00AEF6

# Complementary

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



FF2DC2



2DFF6A

# 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.



00AFAC



FF2DC2



26A400

# Square

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



FF2DC2



D37800



00AC58



00A5FF

# Rectangle

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



FF2DC2



FF3740



00AC58



00AFDF



# Sweetspot

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



FF2DC2



FFBFEC



682DFF



805974



000000



808080



# Same Dimension

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



FF2DC2



FF03B6



FF2D5B



80737C



BF0088



40002D



# Inverse Universe

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



FF2DC2



FF03B6



2DFFD2



80737C



BF0088



40002D



# Previews

## White Background



This preview shows how the Hex color FF2DC2 looks on a white background.

## Color Contrast Check

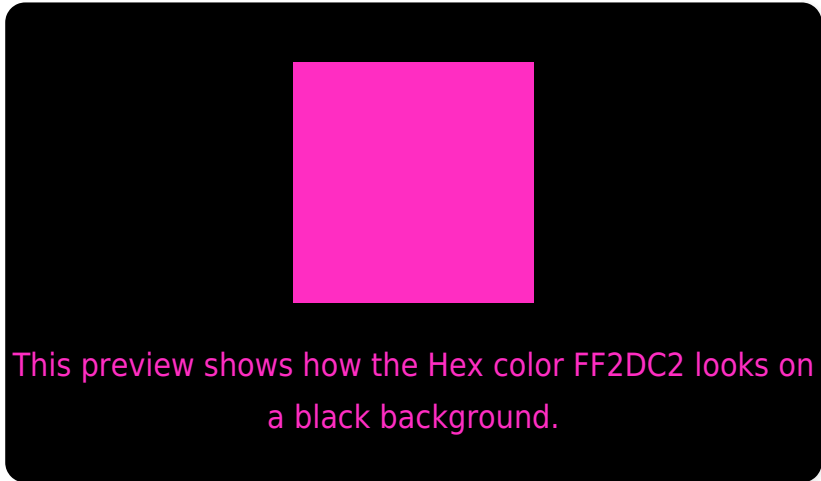
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2DC2 Background



This preview shows how black text looks on a background with the Hex color FF2DC2.



This preview shows how white text looks on a background with the Hex color FF2DC2.

# 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**  
F7555A

# Trichromacy



**Original Color**  
FF2DC2



**Protanomaly**  
9369E9



**Deuteranomaly**  
B369BA



**Tritanomaly**  
FA4680

# Monochromacy



**Original Color**  
FF2DC2



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
AC6096

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF2DC2 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 #FF2DC2 looks like.

```
.text, #text, p{  
    color:#FF2DC2  
}
```

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 #FF2DC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2DC2
}
```

## Border

The CSS property to change the border of an element to Hex FF2DC2 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
#FF2DC2 }
```

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

```
.border{ border-color:#FF2DC2 }
```

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

Here you see how a box with a 4 pixel #FF2DC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2DC2; -webkit-box-shadow:4px 4px  
4px 4px #FF2DC2; box-shadow:4px 4px 4px  
4px #FF2DC2 }
```

# Background

The CSS property to change the background color of an element to Hex FF2DC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2DC2 }
```

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

```
.background{ background-color:#FF2DC2 }
```

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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