

# Converting Colors

Hex(FC2AD7)

Have a look what the booklet for  
Hex(FC2AD7) contains.

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# Color

Hex(FC2AD7)

# Conversions

## Conversions Part 1

Format	Color
Hex	FC2AD7
RGB	252, 42, 215
RGB Percent	99%, 16%, 84%
CMY	0.0118, 0.8353, 0.1569
CMYK	0.00, 0.83, 0.15, 0.01
HSL	311°, 97%, 58%
HSV	311°, 83%, 99%
XYZ	53.2386, 27.2577, 66.7452
YIQ	124.5120, 69.6270, 98.3230

# Conversions

## Conversions Part 2

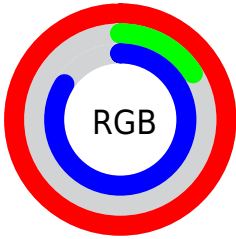
Format	Color
R <sub>YB</sub>	252, 42, 215
Decimal	16526039
CIE Lab	59.21, 87.97, -40.22
CIE LCh	59, 96.729, 335.430
Yxy	27.2577, 0.3616, 0.1851
Android (android.graphics.Color)	4294716119 (0xFFFC2AD7)
YUV	124.5120, 44.6106, 111.8070
Hunter-Lab	52.2089, 90.6550, -39.2517

# Details

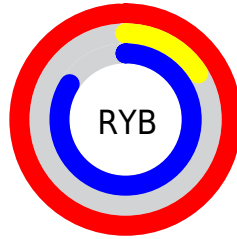
The Hex color **FC2AD7** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **2AFC4F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF74FF**, and **BF00A0** is the 20% darker color. If you saturate the color by 10%, you get **FC11D3**, and if you desaturate by 10%, it is **FC43DB**.

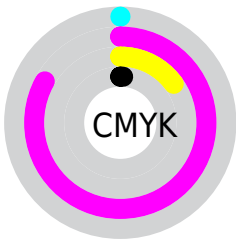
# Distribution



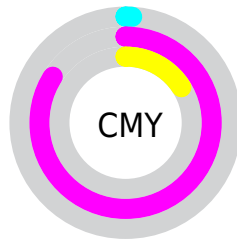
- Red (99%)
- Green (16%)
- Blue (84%)



- Red (99%)
- Yellow (16%)
- Blue (84%)



- Cyan (0%)
- Magenta (83%)
- Yellow (15%)
- Black (1%)



- Cyan (1%)
- Magenta (84%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC2AD7 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 FC2AD7 by changing the saturation by 10% instead.



 FC2AD7

 FC2AD7

FFFFFF

 DD00BB

 FF74FF

 BF00A0

 FF93FF

 A10085

 FFB2FF

 83006B

 FFD0FF

 660053

 FFEFFF

 4A003B

 2C0024

 00000B

 000000

 FC2AD7

 FC2AD7

 FC11D3

 FC43DB

 FC00D0

 FC5CE0

 FC76E4

 FC8FE9

 FCA8ED

 FCC1F2

 FCDAF6

 FCF4FB

 FCFFFF

# Harmonies

## Analogous

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



9A6EFF



FC2AD7



FF0083

# Triad

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



FC2AD7



A09100



00B1F0

# Complementary

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



FC2AD7



2AFC4F

# 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.



00B19C



FC2AD7



3DA400

# Square

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



FC2AD7



E36E00



00AD41



00AAFF

# Rectangle

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



FC2AD7



FF054C



00AD41



00B1D6



# Sweetspot

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



FC2AD7



FFBFF4



4D2AFC



805979



000000



808080



# Same Dimension

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



FC2AD7



FF00D2



FC2A70



7D707B



BD009B



3D0032



# Inverse Universe

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



FC2AD7



FF00D2



2AFCB6



7D707B



BD009B



3D0032



# Previews

## White Background



This preview shows how the Hex color FC2AD7 looks on a white background.

## Color Contrast Check

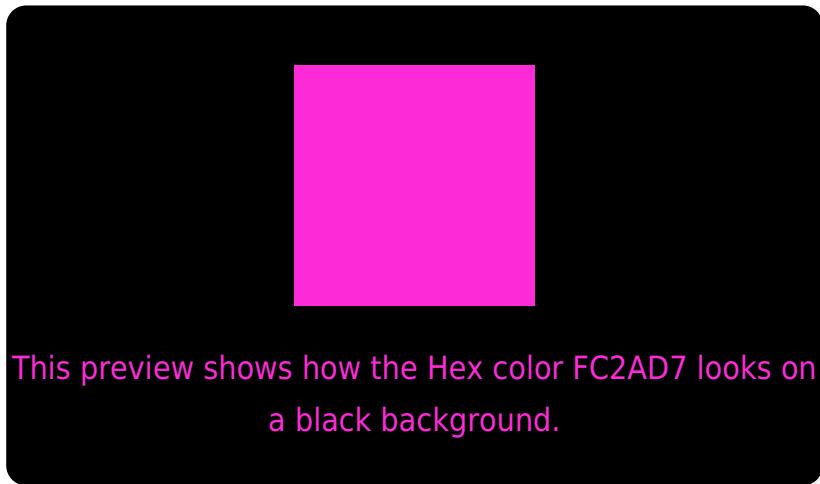
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC2AD7 Background



This preview shows how black text looks on a background with the Hex color FC2AD7.

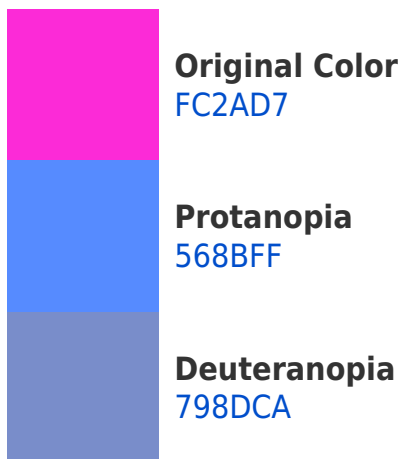


This preview shows how white text looks on a background with the Hex color FC2AD7.

# 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**  
F15B61

# Trichromacy



**Original Color**  
FC2AD7



**Protanomaly**  
9268F0



**Deuteranomaly**  
A969CF



**Tritanomaly**  
F5498C

# Monochromacy



**Original Color**  
FC2AD7



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
AB5F9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC2AD7 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 #FC2AD7 looks like.

```
.text, #text, p{  
    color:#FC2AD7  
}
```

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 #FC2AD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC2AD7
}
```

## Border

The CSS property to change the border of an element to Hex FC2AD7 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
#FC2AD7 }
```

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

```
.border{ border-color:#FC2AD7 }
```

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

Here you see how a box with a 4 pixel #FC2AD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC2AD7; -webkit-box-shadow:4px 4px  
4px 4px #FC2AD7; box-shadow:4px 4px 4px  
4px #FC2AD7 }
```

# Background

The CSS property to change the background color of an element to Hex FC2AD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC2AD7 }
```

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

```
.background{ background-color:#FC2AD7 }
```

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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