

# Converting Colors

Hex(FF28DD)

Have a look what the booklet for  
Hex(FF28DD) contains.

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**Color**

**Hex(F F28DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF28DD
RGB	255, 40, 221
RGB Percent	100%, 16%, 87%
CMY	0.0000, 0.8431, 0.1333
CMYK	0.00, 0.84, 0.13, 0.00
HSL	309°, 100%, 58%
HSV	309°, 84%, 100%
XYZ	55.0499, 27.9980, 70.9093
YIQ	124.9190, 70.0390, 101.8710

# Conversions

## Conversions Part 2

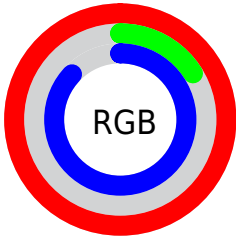
Format	Color
<a href="#">RYB</a>	255, 40, 221
Decimal	16722141
CIELab	59.89, 89.68, -42.52
CIElCh	60, 99.252, 334.635
Yxy	27.9980, 0.3576, 0.1819
Android (android.graphics.Color)	4294912221 (0xFFFF28DD)
YUV	124.9190, 47.3679, 114.0810
Hunter-Lab	52.9132, 93.1102, -42.4157

# Details

The Hex color **FF28DD** 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 **28FF4A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF73FF**, and **C200A5** is the 20% darker color. If you saturate the color by 10%, you get **FF0FD9**, and if you desaturate by 10%, it is **FF42E1**.

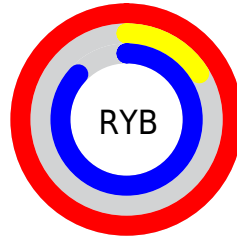
# Distribution



Red (100%)

Green (16%)

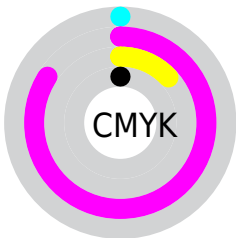
Blue (87%)



Red (100%)

Yellow (16%)

Blue (87%)

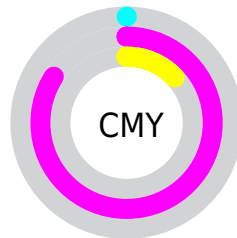


Cyan (0%)

Magenta (84%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (84%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF28DD 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 FF28DD by changing the saturation by 10% instead.



 FF28DD

 FF28DD

FFFFFF

 E000C1

 FF73FF

 C200A5

 FF93FF

 A3008B

 FFB2FF

 860071

 FFD0FF

 680057

 FFEFFF

 4D0040

 2E0028

 000012

 000000

■ FF28DD

■ FF28DD

■ FF0FD9

■ FF42E1

■ FF00D7

■ FF5BE5

■ FF75E9

■ FF8EED

■ FFA8F1

■ FFC1F5

■ FFDBF9

■ FFF4FD

FFFFFF

# Harmonies

## Analogous

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



9771FF



FF28DD



FF0087

# Triad

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



FF28DD



A39200



00B3F3

# Complementary

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



FF28DD



28FF4A

# 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.



00B39C



FF28DD



3FA600

# Square

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



FF28DD



E86D00



00AF3E



00ADFF

# Rectangle

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



FF28DD



FF004E



00AF3E



00B4D8



# Sweetspot

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



FF28DD



FFBFF5



4828FF



805979



000000



808080



# Same Dimension

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



FF28DD



FF00D7



FF2873



80737D



BF00A1



400036



# Inverse Universe

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



FF28DD



FF00D7



28FFB4



80737D



BF00A1



400036



# Previews

## White Background



This preview shows how the Hex color FF28DD 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 FF28DD Background



This preview shows how black text looks on a background with the Hex color FF28DD.

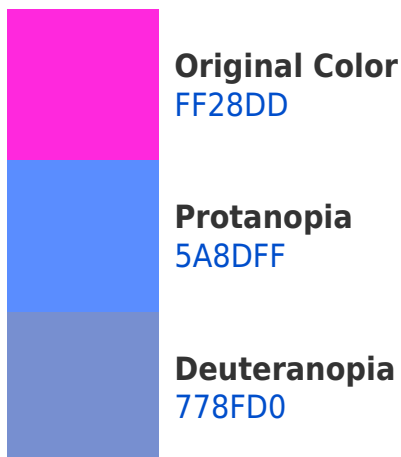


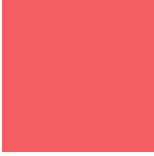
This preview shows how white text looks on a background with the Hex color FF28DD.

# 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**  
F45D62

# Trichromacy



**Original Color**  
FF28DD



**Protanomaly**  
9668F3



**Deuteranomaly**  
A86AD5



**Tritanomaly**  
F84A8F

# Monochromacy



**Original Color**  
FF28DD



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
AC5EA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF28DD 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 #FF28DD looks like.

```
.text, #text, p{  
    color:#FF28DD  
}
```

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 #FF28DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF28DD
}
```

## Border

The CSS property to change the border of an element to Hex FF28DD 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
#FF28DD }
```

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

```
.border{ border-color:#FF28DD }
```

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

Here you see how a box with a 4 pixel #FF28DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF28DD; -webkit-box-shadow:4px 4px  
4px 4px #FF28DD; box-shadow:4px 4px 4px  
4px #FF28DD }
```

# Background

The CSS property to change the background color of an element to Hex FF28DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF28DD }
```

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

```
.background{ background-color:#FF28DD }
```

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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