

# Converting Colors

Hex(F280DB)

Have a look what the booklet for  
Hex(F280DB) contains.

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**Color**

**Hex(F280DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F280DB
RGB	242, 128, 219
RGB Percent	95%, 50%, 86%
CMY	0.0510, 0.4980, 0.1412
CMYK	0.00, 0.47, 0.10, 0.05
HSL	312°, 81%, 73%
HSV	312°, 47%, 95%
XYZ	57.1233, 39.4301, 71.6179
YIQ	172.4600, 38.7330, 52.4690

# Conversions

## Conversions Part 2

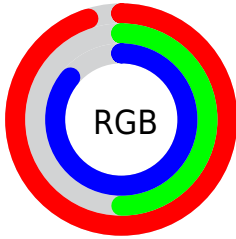
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 128, 219
Decimal	15892699
CIE <sub>Lab</sub>	69.06, 55.31, -27.28
CIE <sub>LCh</sub>	69, 61.666, 333.748
Y <sub>xy</sub>	39.4301, 0.3397, 0.2345
Android (android.graphics.Color)	4294082779 (0xFFFF280DB)
YUV	172.4600, 22.9442, 60.9866
Hunter-Lab	62.7934, 52.4936, -23.6668

# Details

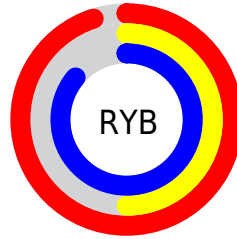
The Hex color **F280DB** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **80F297**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFB8FF**, and **B849A4** is the 20% darker color. If you saturate the color by 10%, you get **F268D6**, and if you desaturate by 10%, it is **F298E0**.

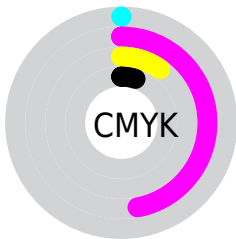
# Distribution



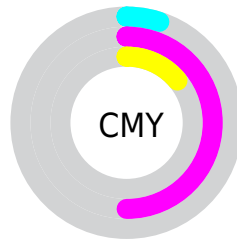
- Red (95%)
- Green (50%)
- Blue (86%)



- Red (95%)
- Yellow (50%)
- Blue (86%)



- Cyan (0%)
- Magenta (47%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (50%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F280DB 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 F280DB by changing the saturation by 10% instead.



 F280DB

 F280DB

FFFFFF

 D565BF

 FFB8FF

 B849A4

 FFD4FF

 9B2D89

 FFF2FF

 800770

 640057

 4A003F

 330029

 0C0013

 000000

 F280DB

 F280DB

 F268D6

 F298E0

 F250D1

 F2B0E5

 F237CC

 F2C9EA

 F21FC7

 F2E1EF

 F207C3

 F2F9F3

 F200C1

 F2FFF8

 F2FFFD

 F2FFFF

# Harmonies

## Analogous

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



B497FF



F280DB



FF75A4

# Triad

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



F280DB



C0A82F



00C2E5

# Complementary

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



F280DB



80F297

# 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.



00C4AE



F280DB



86B745

# Square

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



F280DB



ED9342



29C075



00BBFF

# Rectangle

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



F280DB



FF797F



29C075



00C3D4



# Sweetspot

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



F280DB



FFDBF8



9780F2



806A7B



000000



808080



# Same Dimension

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



F280DB



FF6EE2



F280A2



786C75



B80093



38002D



# Inverse Universe

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



F280DB



FF6EE2



80F2D0



786C75



B80093

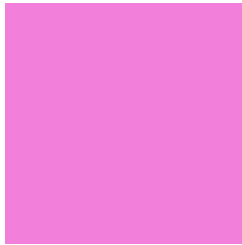


38002D



# Previews

## White Background



This preview shows how the Hex color F280DB looks on a white background.

## Color Contrast Check

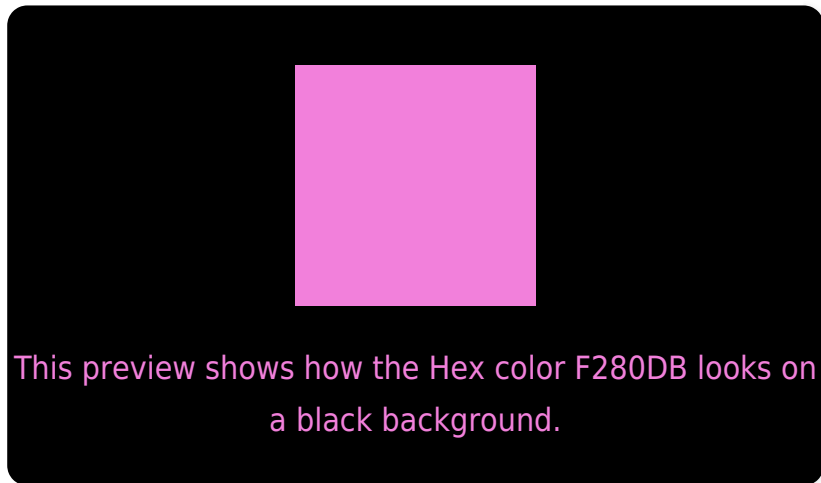
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F280DB Background



This preview shows how black text looks on a background with the Hex color F280DB.



This preview shows how white text looks on a background with the Hex color F280DB.

# 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**  
EA8E99

# Trichromacy



**Original Color**  
F280DB



**Protanomaly**  
B298ED



**Deuteranomaly**  
C098D7



**Tritanomaly**  
ED89B1

# Monochromacy



**Original Color**  
F280DB



**Achromatopsia**  
ACACAC



**Achromatomaly**  
C59CBD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F280DB 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 #F280DB looks like.

```
.text, #text, p{  
    color:#F280DB  
}
```

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 #F280DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F280DB
}
```

## Border

The CSS property to change the border of an element to Hex F280DB 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
#F280DB }
```

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

```
.border{ border-color:#F280DB }
```

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

Here you see how a box with a 4 pixel #F280DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F280DB; -webkit-box-shadow:4px 4px  
4px 4px #F280DB; box-shadow:4px 4px 4px  
4px #F280DB }
```

# Background

The CSS property to change the background color of an element to Hex F280DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F280DB }
```

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

```
.background{ background-color:#F280DB }
```

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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