

# Converting Colors

Hex(F281DB)

Have a look what the booklet for  
Hex(F281DB) contains.

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**Color**

**Hex(F281DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F281DB
RGB	242, 129, 219
RGB Percent	95%, 51%, 86%
CMY	0.0510, 0.4941, 0.1412
CMYK	0.00, 0.47, 0.10, 0.05
HSL	312°, 81%, 73%
HSV	312°, 47%, 95%
XYZ	57.2544, 39.6922, 71.6616
YIQ	173.0470, 38.4580, 51.9460

# Conversions

## Conversions Part 2

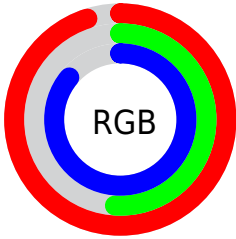
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 129, 219
Decimal	15892955
CIE <sub>Lab</sub>	69.25, 54.82, -26.99
CIE <sub>LCh</sub>	69, 61.100, 333.789
Y <sub>xy</sub>	39.6922, 0.3396, 0.2354
Android (android.graphics.Color)	4294083035 (0xFFFF281DB)
YUV	173.0470, 22.6548, 60.4718
Hunter-Lab	63.0018, 51.9631, -23.3384

# Details

The Hex color **F281DB** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81F298**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFB9FF**, and **B84BA4** is the 20% darker color. If you saturate the color by 10%, you get **F269D6**, and if you desaturate by 10%, it is **F299E0**.

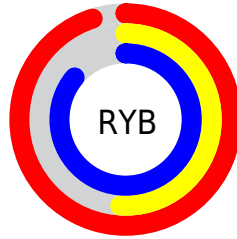
# Distribution



Red (95%)

Green (51%)

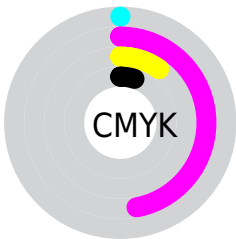
Blue (86%)



Red (95%)

Yellow (51%)

Blue (86%)

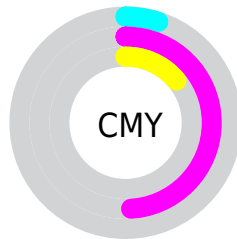


Cyan (0%)

Magenta (47%)

Yellow (10%)

Black (5%)



Cyan (5%)

Magenta (49%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F281DB 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 F281DB by changing the saturation by 10% instead.



 F281DB

 F281DB

FFFFFF

 D566BF

 FFB9FF

 B84BA4

 FFD5FF

 9B2E89

 FFF3FF

 800A70

 640057

 4A003F

 330029

 0C0013

 000000

 F281DB

 F281DB

 F269D6

 F299E0

 F251D1

 F2B1E5

 F238CC

 F2CAEA

 F220C7

 F2E2EF

 F208C2

 F2FAF4

 F200C1

 F2FFF9

 F2FFFD

 F2FFFF

# Harmonies

## Analogous

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



B497FF



F281DB



FF76A4

# Triad

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



F281DB



C0A931



00C3E5

# Complementary

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



F281DB



81F298

# 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.



00C4AF



F281DB



87B747

# Square

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



F281DB



ED9444



2CC076



00BCFF

# Rectangle

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



F281DB



FF7A80



2CC076



00C4D4



# Sweetspot

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



F281DB



FFDBF8



9881F2



806A7B



000000



808080



# Same Dimension

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



F281DB



FF70E2



F281A3



786C75



B80092



38002D



# Inverse Universe

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



F281DB



FF70E2



81F2D0



786C75



B80092



38002D



# Previews

## White Background



This preview shows how the Hex color F281DB looks on a white background.

## Color Contrast Check

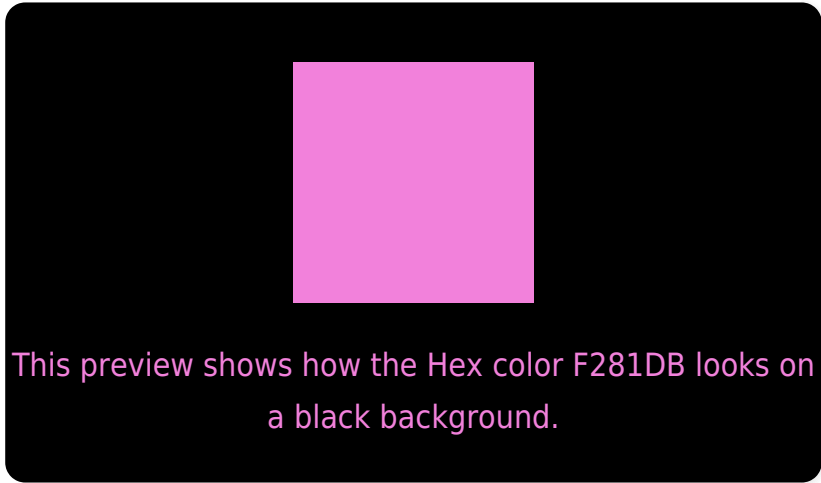
Large Text (above 18pt) WCAG AA × Fail

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 F281DB Background



This preview shows how black text looks on a background with the Hex color F281DB.



This preview shows how white text looks on a background with the Hex color F281DB.

# 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**  
EB8F9A

# Trichromacy



**Original Color**  
F281DB



**Protanomaly**  
B399ED



**Deuteranomaly**  
C099D7



**Tritanomaly**  
EE8AB2

# Monochromacy



**Original Color**  
F281DB



**Achromatopsia**  
ADADAD



**Achromatomaly**  
C69DBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F281DB 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 #F281DB looks like.

```
.text, #text, p{  
    color:#F281DB  
}
```

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 #F281DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F281DB
}
```

## Border

The CSS property to change the border of an element to Hex F281DB 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
#F281DB }
```

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

```
.border{ border-color:#F281DB }
```

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

Here you see how a box with a 4 pixel #F281DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F281DB; -webkit-box-shadow:4px 4px  
4px 4px #F281DB; box-shadow:4px 4px 4px  
4px #F281DB }
```

# Background

The CSS property to change the background color of an element to Hex F281DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F281DB }
```

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

```
.background{ background-color:#F281DB }
```

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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