

# Converting Colors

Hex(F44DBC)

Have a look what the booklet for  
Hex(F44DBC) contains.

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# Color

**Hex(F44DBC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F44DBC
RGB	244, 77, 188
RGB Percent	96%, 30%, 74%
CMY	0.0431, 0.6980, 0.2627
CMYK	0.00, 0.68, 0.23, 0.04
HSL	320°, 88%, 63%
HSV	320°, 68%, 96%
XYZ	49.0392, 28.1717, 50.4300
YIQ	139.5870, 63.9010, 69.9250

# Conversions

## Conversions Part 2

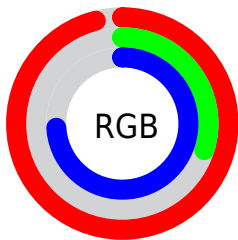
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 77, 188
Decimal	16010684
CIE <sub>Lab</sub>	60.04, 73.25, -23.63
CIE <sub>LCh</sub>	60, 76.969, 342.120
Yxy	28.1717, 0.3842, 0.2207
Android (android.graphics.Color)	4294200764 (0xFFFF44DBC)
YUV	139.5870, 23.8676, 91.5702
Hunter-Lab	53.0770, 72.0359, -19.1792

# Details

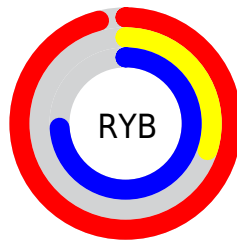
The Hex color **F44DBC** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **4DF485**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF89F4**, and **B80087** is the 20% darker color. If you saturate the color by 10%, you get **F435B4**, and if you desaturate by 10%, it is **F465C4**.

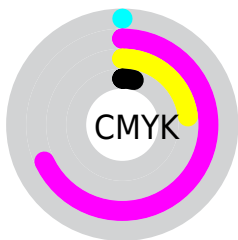
# Distribution



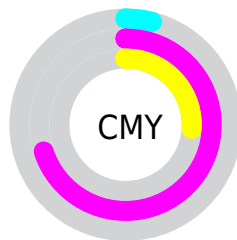
- Red (96%)
- Green (30%)
- Blue (74%)



- Red (96%)
- Yellow (30%)
- Blue (74%)



- Cyan (0%)
- Magenta (68%)
- Yellow (23%)
- Black (4%)



- Cyan (4%)
- Magenta (70%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F44DBC 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 F44DBC by changing the saturation by 10% instead.



 F44DBC

 F44DBC

FFFFFF

 D62AA1

 FF89F4

 B80087

 FFA6FF

 9A006D

 FFC4FF

 7D0054

 FFE2FF

 60003D

 460027

 290010

 000000

 F44DBC

 F44DBC

 F435B4

 F465C4

 F41CAC

 F47ECC

 F404A3

 F496D5

 F400A2

 F4AFDD

 F4C7E5

 F4DFED

 F4F8F5

 F4FFFD

 F4FFFF

# Harmonies

## Analogous

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



B571F6



F44DBC



FF4278

# Triad

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



F44DBC



959600



00ADEB

# Complementary

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



F44DBC



4DF485

# 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.



00AFAB



F44DBC



44A519

# Square

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



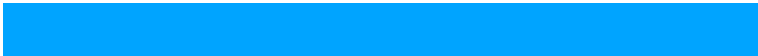
F44DBC



CF7E00



00AC64



00A4FF

# Rectangle

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



F44DBC



FF534D



00AC64



00AED7



# Sweetspot

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



F44DBC



FFC9ED



854DF4



806075



000000



808080



# Same Dimension

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



F44DBC



FF2EB9



F44D69



7A6E76



BA007C



3B0027



# Inverse Universe

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



F44DBC



FF2EB9



4DF4D8



7A6E76



BA007C



3B0027



# Previews

## White Background



This preview shows how the Hex color F44DBC looks on a white background.

## Color Contrast Check

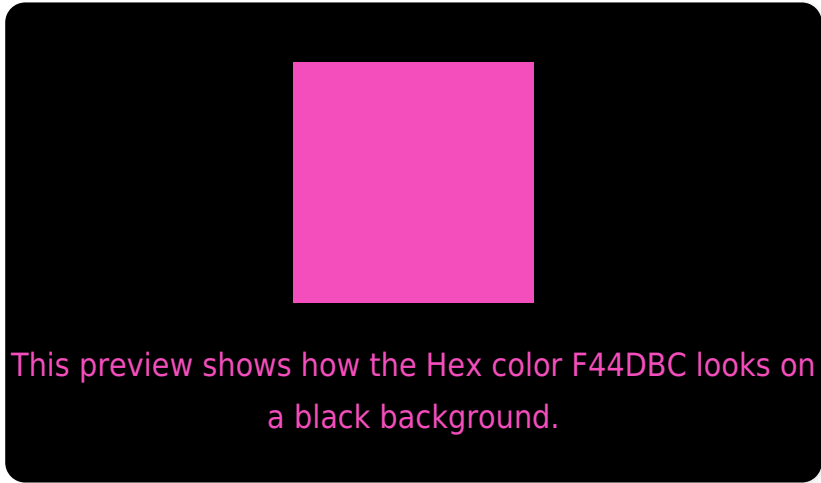
Large Text (above 18pt) WCAG AA ✓ Pass

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 F44DBC Background



This preview shows how black text looks on a background with the Hex color F44DBC.



This preview shows how white text looks on a background with the Hex color F44DBC.

# 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





# Trichromacy



**Original Color**  
F44DBC



**Protanomaly**  
9D76DC



**Deuteranomaly**  
B376B6



**Tritanomaly**  
F05C88

# Monochromacy



**Original Color**  
F44DBC



**Achromatopsia**  
8C8C8C



**Achromatomaly**  
B2759D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F44DBC 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 #F44DBC looks like.

```
.text, #text, p{  
    color:#F44DBC  
}
```

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 #F44DBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F44DBC
}
```

## Border

The CSS property to change the border of an element to Hex F44DBC 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
#F44DBC }
```

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

```
.border{ border-color:#F44DBC }
```

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

Here you see how a box with a 4 pixel #F44DBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F44DBC; -webkit-box-shadow:4px 4px  
4px 4px #F44DBC; box-shadow:4px 4px 4px  
4px #F44DBC }
```

# Background

The CSS property to change the background color of an element to Hex F44DBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F44DBC }
```

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

```
.background{ background-color:#F44DBC }
```

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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