

# Converting Colors

Hex(F41CAC)

Have a look what the booklet for  
Hex(F41CAC) contains.

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**Color**

**Hex(F41CAC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F41CAC
RGB	244, 28, 172
RGB Percent	96%, 11%, 67%
CMY	0.0431, 0.8902, 0.3255
CMYK	0.00, 0.89, 0.30, 0.04
HSL	320°, 91%, 53%
HSV	320°, 89%, 96%
XYZ	45.1699, 23.0422, 41.0966
YIQ	109.0000, 82.5120, 90.5760

# Conversions

## Conversions Part 2

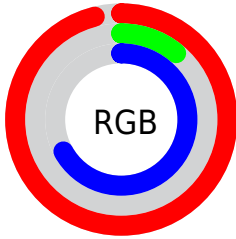
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">244, 28, 172</a>
Decimal	<a href="#">15998124</a>
CIELab	<a href="#">55.12, 83.65, -21.92</a>
CIELCh	<a href="#">55, 86.479, 345.315</a>
Yxy	<a href="#">23.0422, 0.4132, 0.2108</a>
Android (android.graphics.Color)	<a href="#">4294188204</a> ( <a href="#">0xFFFF41CAC</a> )
YUV	<a href="#">109.0000, 31.0590, 118.3950</a>
Hunter-Lab	<a href="#">48.0023, 83.9637, -17.1589</a>

# Details

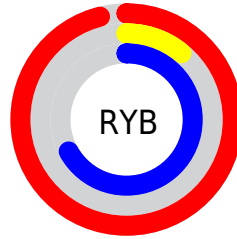
The Hex color **F41CAC** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **1CF464**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6AE4**, and **B60078** is the 20% darker color. If you saturate the color by 10%, you get **F404A4**, and if you desaturate by 10%, it is **F434B4**.

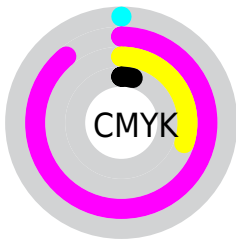
# Distribution



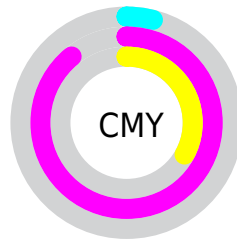
- Red (96%)
- Green (11%)
- Blue (67%)



- Red (96%)
- Yellow (11%)
- Blue (67%)



- Cyan (0%)
- Magenta (89%)
- Yellow (30%)
- Black (4%)



- Cyan (4%)
- Magenta (89%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F41CAC 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 F41CAC by changing the saturation by 10% instead.



 F41CAC

 F41CAC

FFFFFF

 D50091

 FF6AE4

 B60078

 FF8AFF

 98005F

 FFA8FF

 7A0047

 FFC6FF

 5D0030

 FFE5FF

 40001B

 210001

 000000

 F41CAC

 F41CAC

 F404A4

 F434B4

 F400A3

 F44DBC

 F465C4

 F47ECD

 F496D5

 F4AEDD

 F4C7E5

 F4DFED

 F4F8F5

# Harmonies

## Analogous

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



B459EF



F41CAC



FF0362

# Triad

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



F41CAC



7D8D00



00A1EE

# Complementary

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



F41CAC



1CF464

# 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.



00A3AA



F41CAC



009A00

# Square

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



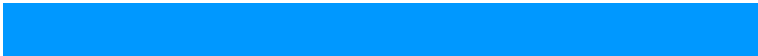
F41CAC



BE7300



00A15B



0098FF

# Rectangle

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



F41CAC



F83831



00A15B



00A3DA



# Sweetspot

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



F41CAC



FFBAE8



641CF4



805772



000000



808080



# Same Dimension

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



F41CAC



FF00AA



F41C40



7A6E76



BA007C



3B0027



# Inverse Universe

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



F41CAC



FF00AA



1CF4D0



7A6E76



BA007C



3B0027



# Previews

## White Background



This preview shows how the Hex color F41CAC looks on a white background.

## Color Contrast Check

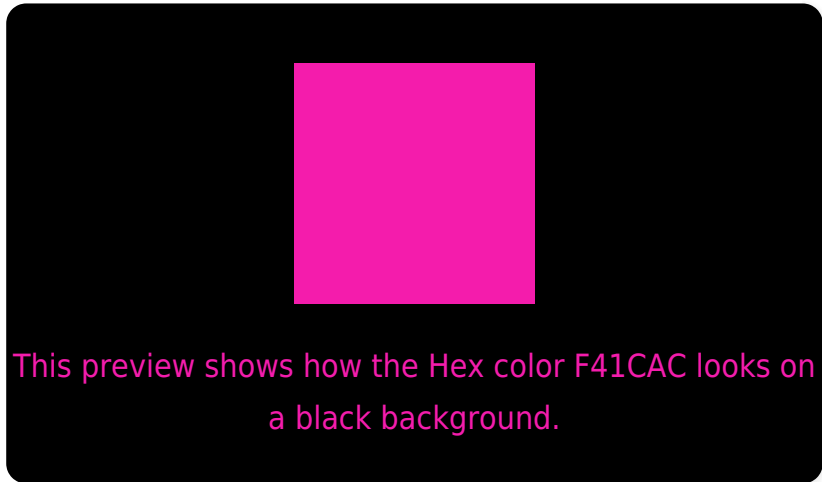
Large Text (above 18pt) WCAG AA ✓ Pass

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 F41CAC Background



This preview shows how black text looks on a background with the Hex color F41CAC.

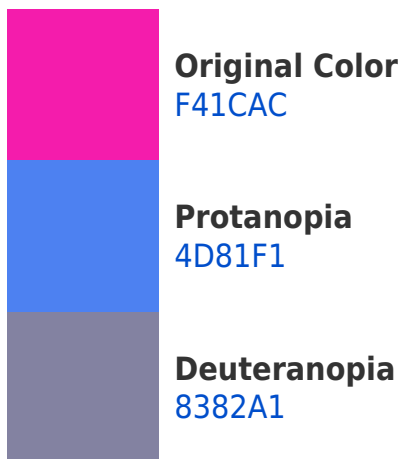


This preview shows how white text looks on a background with the Hex color F41CAC.

# 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**  
F41CAC



**Protanomaly**  
8A5CD8



**Deuteranomaly**  
AC5DA5



**Tritanomaly**  
F0376E

# Monochromacy



**Original Color**  
F41CAC



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
9E5084

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F41CAC 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 #F41CAC looks like.

```
.text, #text, p{  
    color:#F41CAC  
}
```

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 #F41CAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F41CAC
}
```

## Border

The CSS property to change the border of an element to Hex F41CAC 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
#F41CAC }
```

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

```
.border{ border-color:#F41CAC }
```

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

Here you see how a box with a 4 pixel #F41CAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F41CAC; -webkit-box-shadow:4px 4px  
4px 4px #F41CAC; box-shadow:4px 4px 4px  
4px #F41CAC }
```

# Background

The CSS property to change the background color of an element to Hex F41CAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F41CAC }
```

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

```
.background{ background-color:#F41CAC }
```

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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