

# Converting Colors

Hex(F41DB0)

Have a look what the booklet for  
Hex(F41DB0) contains.

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# Color

**Hex(F41DB0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F41DB0
RGB	244, 29, 176
RGB Percent	96%, 11%, 69%
CMY	0.0431, 0.8863, 0.3098
CMYK	0.00, 0.88, 0.28, 0.04
HSL	319°, 91%, 54%
HSV	319°, 88%, 96%
XYZ	45.5841, 23.2464, 43.1588
YIQ	110.0430, 80.9530, 91.2970

# Conversions

## Conversions Part 2

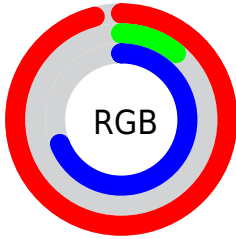
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 29, 176
Decimal	15998384
CIE <sub>Lab</sub>	55.33, 83.94, -23.94
CIE <sub>LCh</sub>	55, 87.287, 344.081
Yxy	23.2464, 0.4070, 0.2076
Android (android.graphics.Color)	4294188464 (0xFFFF41DB0)
YUV	110.0430, 32.5168, 117.4803
Hunter-Lab	48.2145, 84.3860, -19.3227

# Details

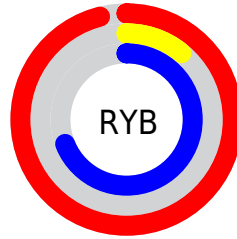
The Hex color **F41DB0** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **1DF461**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6BE8**, and **B7007B** is the 20% darker color. If you saturate the color by 10%, you get **F405A8**, and if you desaturate by 10%, it is **F435B8**.

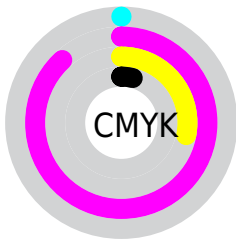
# Distribution



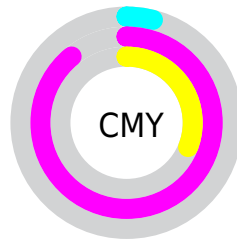
- Red (96%)
- Green (11%)
- Blue (69%)



- Red (96%)
- Yellow (11%)
- Blue (69%)



- Cyan (0%)
- Magenta (88%)
- Yellow (28%)
- Black (4%)



- Cyan (4%)
- Magenta (89%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F41DB0 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 F41DB0 by changing the saturation by 10% instead.



 F41DB0

 F41DB0

FFFFFF

 D50095

 FF6BE8

 B7007B

 FF8AFF

 980062

 FFA9FF

 7A004A

 FFC7FF

 5D0033

 FFE5FF

 41001E

 220001

 000000

 F41DB0

 F41DB0

 F405A8

 F435B8

 F400A7

 F44EBF

 F466C7

 F47FCF

 F497D7

 F4AFDE

 F4C8E6

 F4E0EE

 F4F9F5

# Harmonies

## Analogous

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



B15BF3



F41DB0



FF0065

# Triad

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



F41DB0



808C00



00A2ED

# Complementary

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



F41DB0



1DF461

# 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.



00A4A7



F41DB0



009B00

# Square

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



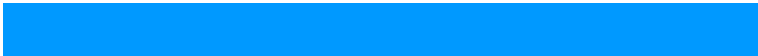
F41DB0



C17200



00A258



0099FF

# Rectangle

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



F41DB0



FB3434



00A258



00A4D8



# Sweetspot

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



F41DB0



FFBDEA



5D1DF4



805873



000000



808080



# Same Dimension

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



F41DB0



FF00AE



F41D48



7A6E77



BA007F



3B0028



# Inverse Universe

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



F41DB0



FF00AE



1DF4C9



7A6E77



BA007F



3B0028



# Previews

## White Background



This preview shows how the Hex color F41DB0 looks on a white background.

## Color Contrast Check

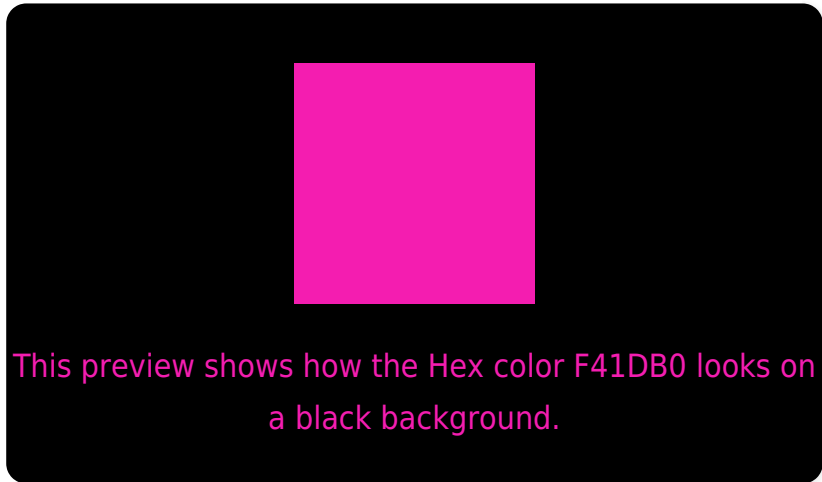
Large Text (above 18pt) WCAG AA ✓ Pass

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 F41DB0 Background



This preview shows how black text looks on a background with the Hex color F41DB0.

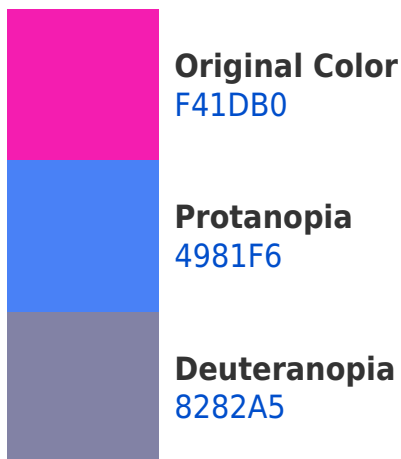


This preview shows how white text looks on a background with the Hex color F41DB0.

# 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**  
F41DB0



**Protanomaly**  
875DDD



**Deuteranomaly**  
AB5DA9



**Tritanomaly**  
F03971

# Monochromacy



**Original Color**  
F41DB0



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
9F5186

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F41DB0 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 #F41DB0 looks like.

```
.text, #text, p{  
    color:#F41DB0  
}
```

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 #F41DB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F41DB0
}
```

## Border

The CSS property to change the border of an element to Hex F41DB0 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
#F41DB0 }
```

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

```
.border{ border-color:#F41DB0 }
```

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

Here you see how a box with a 4 pixel #F41DB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F41DB0; -webkit-box-shadow:4px 4px  
4px 4px #F41DB0; box-shadow:4px 4px 4px  
4px #F41DB0 }
```

# Background

The CSS property to change the background color of an element to Hex F41DB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F41DB0 }
```

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

```
.background{ background-color:#F41DB0 }
```

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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