

Converting Colors

Hex(F641DB)

Have a look what the booklet for
Hex(F641DB) contains.

Hex(F641DB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F641DB)

Conversions

Conversions Part 1

Format	Color
Hex	F641DB
RGB	246, 65, 219
RGB Percent	96%, 25%, 86%
CMY	0.0353, 0.7451, 0.1412
CMYK	0.00, 0.74, 0.11, 0.04
HSL	309°, 91%, 61%
HSV	309°, 74%, 96%
XYZ	52.6825, 28.4879, 69.7399
YIQ	136.6750, 58.4420, 86.2660

Conversions

Conversions Part 2

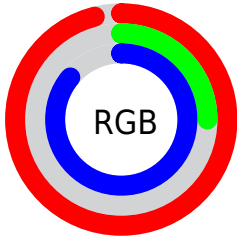
Format	Color
R _Y B	246, 65, 219
Decimal	16138715
CIE Lab	60.33, 81.72, -40.80
CIE LCh	60, 91.344, 333.469
Yxy	28.4879, 0.3491, 0.1888
Android (android.graphics.Color)	4294328795 (0xFFFF641DB)
YUV	136.6750, 40.5862, 95.8780
Hunter-Lab	53.3741, 82.7827, -40.1080

Details

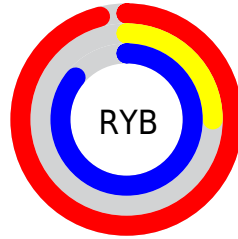
The Hex color **F641DB** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **41F65C**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF81FF**, and **B900A3** is the 20% darker color. If you saturate the color by 10%, you get **F628D7**, and if you desaturate by 10%, it is **F65ADF**.

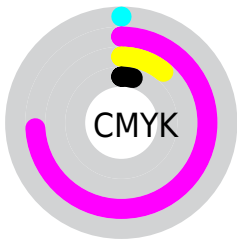
Distribution



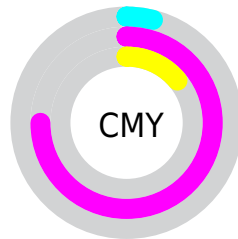
- Red (96%)
- Green (25%)
- Blue (86%)



- Red (96%)
- Yellow (25%)
- Blue (86%)



- Cyan (0%)
- Magenta (74%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (75%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color F641DB 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 F641DB by changing the saturation by 10% instead.

 F641DB

 F641DB

FFFFFF

 D811BF

 FF81FF

 B900A3

 FF9FFF

 9C0089

 FFBDFE

 7F006F

 FFDBFF

 620056

 FFFAFF

 47003E

 290027

 000110

 000000

 F641DB

 F641DB

 F628D7

 F65ADF

 F610D4

 F672E2

 F600D1

 F68BE6

 F6A3EA

 F6BCED

 F6D5F1

 F6EDF5

 F6FFF8

 F6FFFC

Harmonies

Analogous

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



9576FF



F641DB



FF008C

Triad

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



F641DB



A89200



00B3E9

Complementary

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



F641DB



41F65C

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.



00B399



F641DB



52A500

Square

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



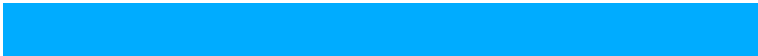
F641DB



E77000



00AF43



00ACFF

Rectangle

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



F641DB



FF2857



00AF43



00B3D0

Sweetspot

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



F641DB



FFC7F7



5941F6



805E7B



000000



808080

Same Dimension

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



F641DB



FF1FDE



F64183



7A6E79



BA009E



3B0032

Inverse Universe

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



F641DB



FF1FDE



41F6B4



7A6E79



BA009E



3B0032

Previews

White Background



This preview shows how the Hex color F641DB 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 F641DB Background



This preview shows how black text looks on a background with the Hex color F641DB.

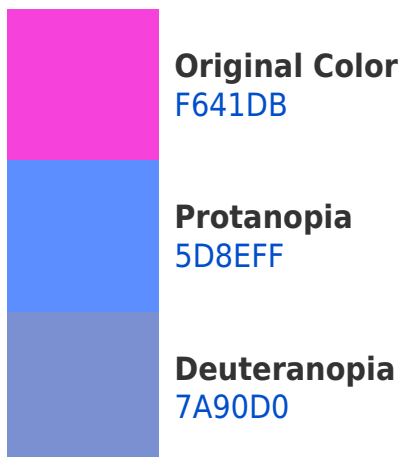



This preview shows how white text looks on a background with the Hex color F641DB.

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
EB666D

Trichromacy



Original Color
F641DB



Protanomaly
9572F2



Deuteranomaly
A773D4



Tritanomaly
EF5995

Monochromacy



Original Color
F641DB



Achromatopsia
898989



Achromatomaly
B16FA7

CSS Examples

Text

The CSS property to change the color of the text to Hex F641DB 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 #F641DB looks like.

```
.text, #text, p{  
    color:#F641DB  
}
```

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 #F641DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F641DB
}
```

Border

The CSS property to change the border of an element to Hex F641DB 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
#F641DB }
```

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

```
.border{ border-color:#F641DB }
```

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

Here you see how a box with a 4 pixel #F641DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F641DB; -webkit-box-shadow:4px 4px  
4px 4px #F641DB; box-shadow:4px 4px 4px  
4px #F641DB }
```

Background

The CSS property to change the background color of an element to Hex F641DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F641DB }
```

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

```
.background{ background-color:#F641DB }
```

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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