

Converting Colors

Hex(F645DC)

Have a look what the booklet for
Hex(F645DC) contains.

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Color

Hex(F645DC)

Conversions

Conversions Part 1

Format	Color
Hex	F645DC
RGB	246, 69, 220
RGB Percent	96%, 27%, 86%
CMY	0.0353, 0.7294, 0.1373
CMYK	0.00, 0.72, 0.11, 0.04
HSL	309°, 91%, 62%
HSV	309°, 72%, 96%
XYZ	53.0524, 29.0164, 70.5147
YIQ	139.1370, 57.0210, 84.4850

Conversions

Conversions Part 2

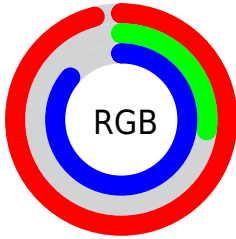
Format	Color
R _{YB}	246, 69, 220
Decimal	16139740
CIE _{Lab}	60.80, 80.66, -40.63
CIE _{LCh}	61, 90.316, 333.266
Y _{xy}	29.0164, 0.3477, 0.1902
Android (android.graphics.Color)	4294329820 (0xFFFF645DC)
YUV	139.1370, 39.8655, 93.7189
Hunter-Lab	53.8669, 81.5342, -39.9071

Details

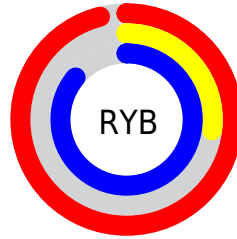
The Hex color **F645DC** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **45F65F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF84FF**, and **BA00A4** is the 20% darker color. If you saturate the color by 10%, you get **F62CD8**, and if you desaturate by 10%, it is **F65EE0**.

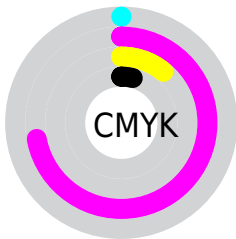
Distribution



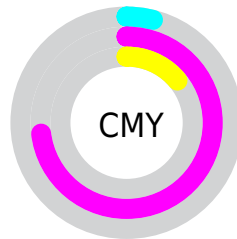
- Red (96%)
- Green (27%)
- Blue (86%)



- Red (96%)
- Yellow (27%)
- Blue (86%)



- Cyan (0%)
- Magenta (72%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (73%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color F645DC 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 F645DC by changing the saturation by 10% instead.

 F645DC

 F645DC

FFFFFF

 D81AC0

 FF84FF

 BA00A4

 FFA2FF

 9C008A

 FFC0FF

 7F0070


 FFDEFF

 620057

 FFFCFF

 48003F

 2A0028

 000111

 000000

 F645DC

 F645DC

 F62CD8

 F65EE0

 F614D5

 F676E3

 F600D2

 F68FE7

 F6A7EA

 F6C0EE

 F6D9F2

 F6F1F5

 F6FFF9

 F6FFFD

Harmonies

Analogous

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



9578FF



F645DC



FF118E

Triad

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



F645DC



AA9300



00B4E9

Complementary

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



F645DC



45F65F

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.



00B49A



F645DC



55A600

Square

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



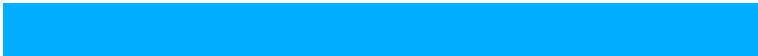
F645DC



E87200



00B045



00ADFF

Rectangle

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



F645DC



FF2D5A



00B045



00B4D0

Sweetspot

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



F645DC



FFC7F7



5D45F6



805E7B



000000



808080

Same Dimension

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



F645DC



FF24DF



F64586



7A6E79



BA009F



3B0032

Inverse Universe

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



F645DC



FF24DF



45F6B5



7A6E79



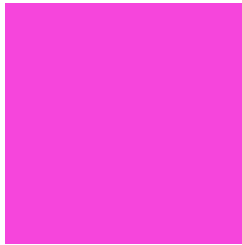
BA009F



3B0032

Previews

White Background



This preview shows how the Hex color F645DC looks on a white background.

Color Contrast Check

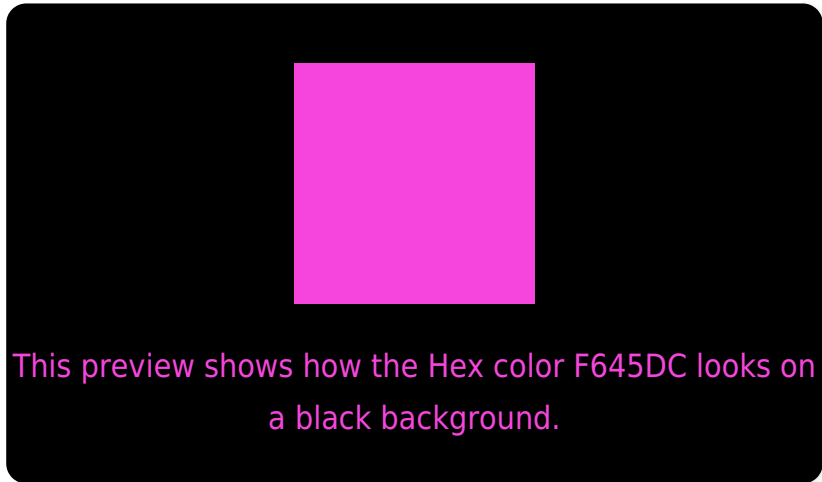
Large Text (above 18pt) WCAG AA ✓ Pass

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 F645DC Background



This preview shows how black text looks on a background with the Hex color F645DC.

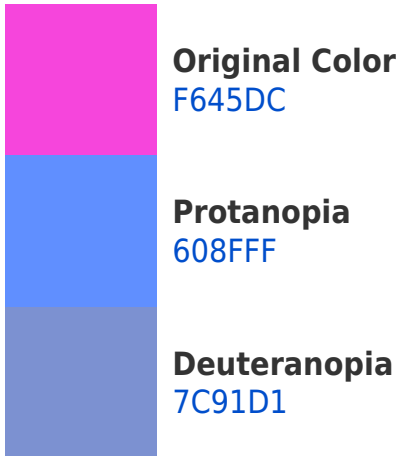


This preview shows how white text looks on a background with the Hex color F645DC.

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
EB6870

Trichromacy



Original Color
F645DC



Protanomaly
9774F2



Deuteranomaly
A875D5



Tritanomaly
EF5B97

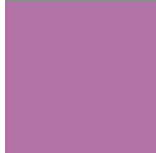
Monochromacy



Original Color
F645DC



Achromatopsia
8B8B8B



Achromatomaly
B272A8

CSS Examples

Text

The CSS property to change the color of the text to Hex F645DC 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 #F645DC looks like.

```
.text, #text, p{  
    color:#F645DC  
}
```

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 #F645DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F645DC
}
```

Border

The CSS property to change the border of an element to Hex F645DC 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
#F645DC }
```

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

```
.border{ border-color:#F645DC }
```

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

Here you see how a box with a 4 pixel #F645DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F645DC; -webkit-box-shadow:4px 4px  
4px 4px #F645DC; box-shadow:4px 4px 4px  
4px #F645DC }
```

Background

The CSS property to change the background color of an element to Hex F645DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F645DC }
```

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

```
.background{ background-color:#F645DC }
```

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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