

Converting Colors

Hex(F645C2)

Have a look what the booklet for
Hex(F645C2) contains.

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Color

Hex(F645C2)

Conversions

Conversions Part 1

Format	Color
Hex	F645C2
RGB	246, 69, 194
RGB Percent	96%, 27%, 76%
CMY	0.0353, 0.7294, 0.2392
CMYK	0.00, 0.72, 0.21, 0.04
HSL	318°, 91%, 62%
HSV	318°, 72%, 96%
XYZ	49.8718, 27.7441, 53.7656
YIQ	136.1730, 65.3670, 76.3990

Conversions

Conversions Part 2

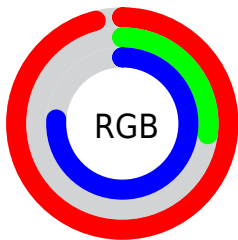
Format	Color
R _Y B	246, 69, 194
Decimal	16139714
CIE Lab	59.66, 77.17, -27.64
CIE LCh	60, 81.974, 340.297
Yxy	27.7441, 0.3796, 0.2112
Android (android.graphics.Color)	4294329794 (0xFFFF645C2)
YUV	136.1730, 28.5087, 96.3183
Hunter-Lab	52.6727, 76.8309, -23.6493

Details

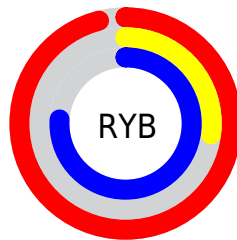
The Hex color **F645C2** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **45F679**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **FF83FB**, and **B9008C** is the 20% darker color. If you saturate the color by 10%, you get **F62CBB**, and if you desaturate by 10%, it is **F65EC9**.

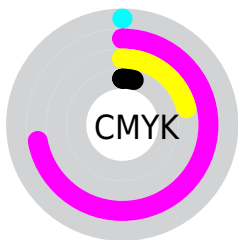
Distribution



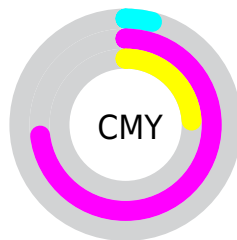
- Red (96%)
- Green (27%)
- Blue (76%)



- Red (96%)
- Yellow (27%)
- Blue (76%)



- Cyan (0%)
- Magenta (72%)
- Yellow (21%)
- Black (4%)



- Cyan (4%)
- Magenta (73%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color F645C2 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 F645C2 by changing the saturation by 10% instead.

 F645C2

 F645C2

FFFFFF

 D71CA7

 FF83FB

 B9008C

 FFA1FF

 9C0072

 FFBFFF

 7F005A

 FFDDFF

 620042

 FFFBFF

 47002C

 290015

 000000

 F645C2

 F645C2

 F62CBB

 F65EC9

 F614B4

 F676D0

 F600AE

 F68FD8

 F6A7DF

 F6C0E6

 F6D9ED

 F6F1F5

 F6FFFC

 F6FFFF

Harmonies

Analogous

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



AF6FFF



F645C2



FF337A

Triad

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



F645C2



979500



00ADEC

Complementary

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



F645C2



45F679

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.



00AFA8



F645C2



42A400

Square

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



F645C2



D37A00



00AC5C



00A5FF

Rectangle

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



F645C2



FF474C



00AC5C



00AFD7

Sweetspot

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



F645C2



FFC7EF



7745F6



805E76



000000



808080

Same Dimension

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



F645C2



FF24BF



F6456B



7A6E77



BA0083



3B0029

Inverse Universe

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



F645C2



FF24BF



45F6D0



7A6E77



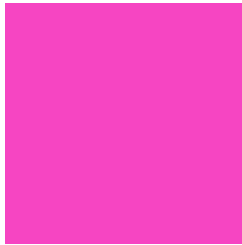
BA0083



3B0029

Previews

White Background



This preview shows how the Hex color F645C2 looks on a white background.

Color Contrast Check

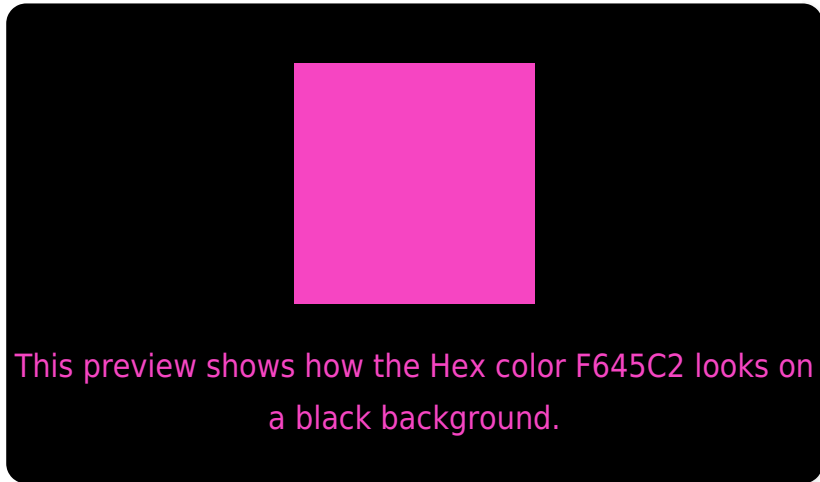
Large Text (above 18pt) WCAG AA ✓ Pass

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 F645C2 Background



This preview shows how black text looks on a background with the Hex color F645C2.



This preview shows how white text looks on a background with the Hex color F645C2.

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
F645C2



Protanomaly
9672E6



Deuteranomaly
B173BC



Tritanomaly
F15788

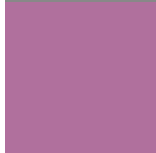
Monochromacy



Original Color
F645C2



Achromatopsia
888888



Achromatomaly
B0709D

CSS Examples

Text

The CSS property to change the color of the text to Hex F645C2 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 #F645C2 looks like.

```
.text, #text, p{  
  color:#F645C2  
}
```

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 #F645C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F645C2
}
```

Border

The CSS property to change the border of an element to Hex F645C2 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
#F645C2 }
```

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

```
.border{ border-color:#F645C2 }
```

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

Here you see how a box with a 4 pixel #F645C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F645C2; -webkit-box-shadow:4px 4px  
4px 4px #F645C2; box-shadow:4px 4px 4px  
4px #F645C2 }
```

Background

The CSS property to change the background color of an element to Hex F645C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F645C2 }
```

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

```
.background{ background-color:#F645C2 }
```

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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