

Converting Colors

Hex(F581F3)

Have a look what the booklet for
Hex(F581F3) contains.

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Color

Hex(F581F3)

Conversions

Conversions Part 1

Format	Color
Hex	F581F3
RGB	245, 129, 243
RGB Percent	96%, 51%, 95%
CMY	0.0392, 0.4941, 0.0471
CMYK	0.00, 0.47, 0.01, 0.04
HSL	301°, 85%, 73%
HSV	301°, 47%, 96%
XYZ	61.6841, 41.5841, 89.5694
YIQ	176.6800, 32.5420, 60.0460

Conversions

Conversions Part 2

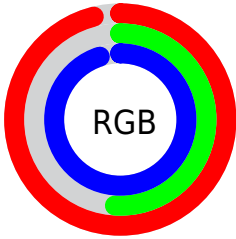
Format	Color
RYB	245, 129, 243
Decimal	16089587
CIELab	70.58, 59.69, -38.12
CIElCh	71, 70.822, 327.439
Yxy	41.5841, 0.3199, 0.2156
Android (android.graphics.Color)	4294279667 (0xFFFF581F3)
YUV	176.6800, 32.6958, 59.9166
Hunter-Lab	64.4857, 57.8951, -37.2127

Details

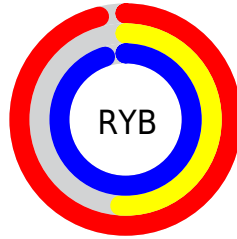
The Hex color **F581F3** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81F583**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFB9FF**, and **BA4ABA** is the 20% darker color. If you saturate the color by 10%, you get **F569F3**, and if you desaturate by 10%, it is **F59AF3**.

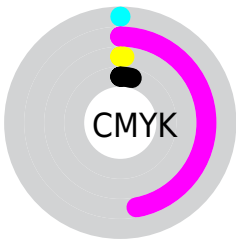
Distribution



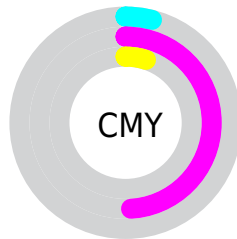
- Red (96%)
- Green (51%)
- Blue (95%)



- Red (96%)
- Yellow (51%)
- Blue (95%)



- Cyan (0%)
- Magenta (47%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (49%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color F581F3 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 F581F3 by changing the saturation by 10% instead.

 F581F3

 F581F3

FFFFFF

 D765D6

 FFB9FF

 BA4ABA

 FFD6FF

 9E2C9F

 FFF3FF

 820285

 67006B

 4C0052

 34003B

 140024

 00000B

 F581F3

 F581F3

 F569F3

 F59AF3

 F550F2

 F5B2F4

 F537F2

 F5CBF4

 F51FF1

 F5E3F5

 F506F1

 F5FCF5

 F500F1

 F5FFF6

 F5FFF7

Harmonies

Analogous

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



A29EFF



F581F3



FF6EB5

Triad

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



F581F3



D2A815



00CAE6

Complementary

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



F581F3



81F583

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.



00CAA5



F581F3



93BA2C

Square

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



F581F3



FF8E3E



2EC563



00C4FF

Rectangle

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



F581F3



FF708A



2EC563



00CBD1

Sweetspot

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



F581F3



FFDBFE



8381F5



806A7F



000000



808080

Same Dimension

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



F581F3



FF6EFC



F581B9



7A6E7A



BA00B7



3B003A

Inverse Universe

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



F581F3



FF6EFC



81F5BD



7A6E7A



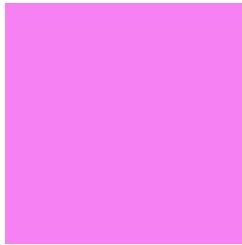
BA00B7



3B003A

Previews

White Background



This preview shows how the Hex color F581F3 looks on a white background.

Color Contrast Check

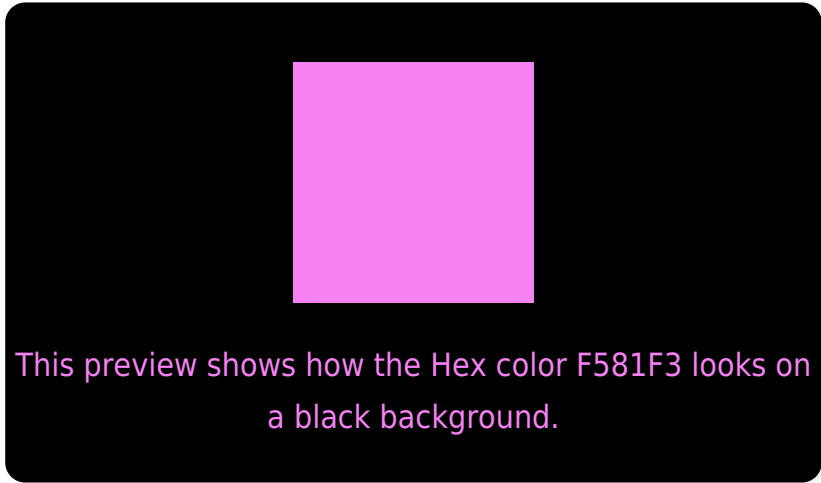
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F581F3 Background



This preview shows how black text looks on a background with the Hex color F581F3.

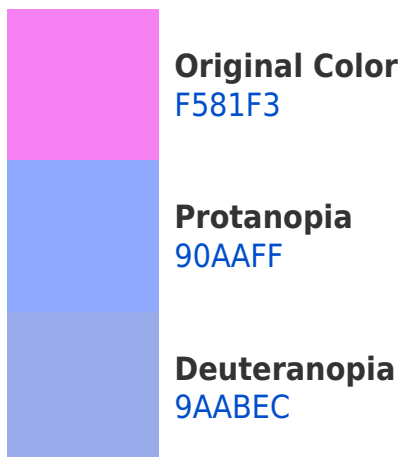


This preview shows how white text looks on a background with the Hex color F581F3.

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
EB94A0

Trichromacy



Original Color
F581F3



Protanomaly
B59BFB



Deuteranomaly
BB9CEF



Tritanomaly
EF8DBE

Monochromacy



Original Color
F581F3



Achromatopsia
B1B1B1



Achromatomaly
CAA0C9

CSS Examples

Text

The CSS property to change the color of the text to Hex F581F3 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 #F581F3 looks like.

```
.text, #text, p{  
    color:#F581F3  
}
```

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 #F581F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F581F3
}
```

Border

The CSS property to change the border of an element to Hex F581F3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

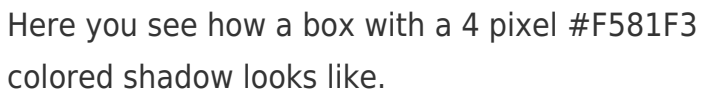
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F581F3 }
```

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

```
.border{ border-color:#F581F3 }
```

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



Here you see how a box with a 4 pixel #F581F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F581F3; -webkit-box-shadow:4px 4px  
4px 4px #F581F3; box-shadow:4px 4px 4px  
4px #F581F3 }
```

Background

The CSS property to change the background color of an element to Hex F581F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F581F3 }
```

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

```
.background{ background-color:#F581F3 }
```

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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