Converting Colors

Hex(F580F2)

Have a look what the booklet for Hex(F580F2) contains.

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Color

Hex(F580F2)

Conversions

Conversions Part 1

Format	Color
Hex	F580F2
RGB	245, 128, 242
RGB Percent	96%, 50%, 95%
CMY	0.0392, 0.4980, 0.0510
CMYK	0.00, 0.48, 0.01, 0.04
HSL	302°, 85%, 73%
HSV	302°, 48%, 96%
XYZ	61.4024, 41.2616, 88.7324
YIQ	175.9790, 33.1380, 60.2580

Conversions

Conversions Part 2

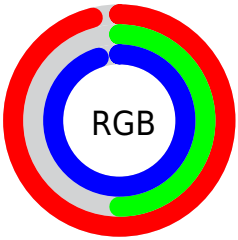
Format	Color
RYB	245, 128, 242
Decimal	16089330
CIELab	70.36, 60.00, -37.92
CIELCh	70, 70.975, 327.708
Yxy	41.2616, 0.3208, 0.2156
Android (android.graphics.Color)	4294279410 (0xFFF580F2)
YUV	175.9790, 32.5484, 60.5314
Hunter-Lab	64.2352, 58.2163, -36.9366

Details

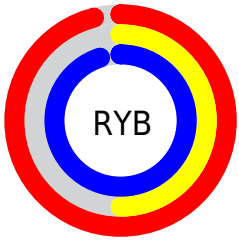
The Hex color F580F2 is a light color, and the websafe version is hex FF99FF. A complement of this color would be 80F583, and the grayscale version is B0B0B0.

A 20% lighter version of the original color is FFB8FF, and BA49B9 is the 20% darker color. If you saturate the color by 10%, you get F567F1, and if you desaturate by 10%, it is F599F3.

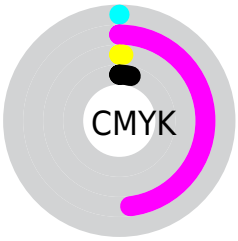
Distribution



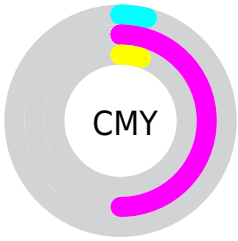
- Red (96%)
- Green (50%)
- Blue (95%)



- Red (96%)
- Yellow (50%)
- Blue (95%)



- Cyan (0%)
- Magenta (48%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (50%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color F580F2 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 F580F2 by changing the saturation by 10% instead.

F580F2

FFFFFF

FFB8FF

FFD5FF

FFF2FF

F580F2

D764D5

BA49B9

9E2B9E

820084

67006A

4C0051

34003A

130023

00000A

F580F2

F567F1

F54FF1

F537F0

F51EEF

F506EF

F500EF

F580F2

F599F3

F5B1F3

F5CAF4

F5E2F5

F5FBF5

F5FFF6

F5FFF7

F5FFF8

Harmonies

Analogous

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

A29DFF

F580F2

FF6DB4

Triad

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

F580F2

D0A713

00CAE6

Complementary

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

F580F2

80F583

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

F580F2

91BA2B

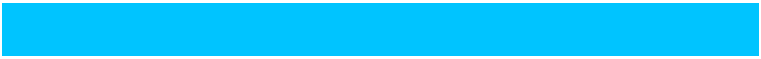
Square

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

F580F2

FF8E3D

2AC563



00C4FF

Rectangle

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

F580F2

FF6F89

2AC563

00CAD1

Sweetspot

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

F580F2

FFDBFE

8280F5

806A7F

000000

808080

Same Dimension

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

F580F2

FF6EFB

F580B9

7A6E7A

BA00B5

3B0039

Inverse Universe

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

F580F2

FF6EFB

80F5BC

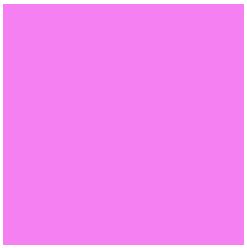
7A6E7A

BA00B5

3B0039

Previews

White Background

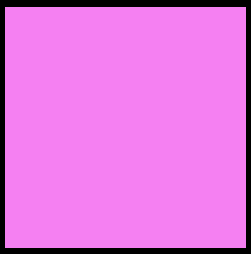


This preview shows how the Hex color F580F2 looks on a white background.

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



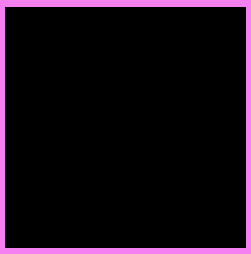
This preview shows how the Hex color F580F2 looks on a black background.

Color Contrast Check

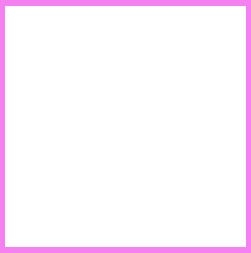
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Hex F580F2 Background



This preview shows how black text looks on a background with the Hex color F580F2.

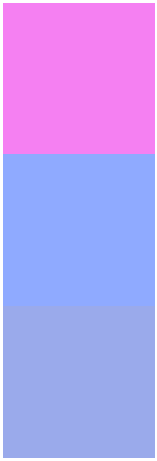


This preview shows how white text looks on a background with the Hex color F580F2.

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



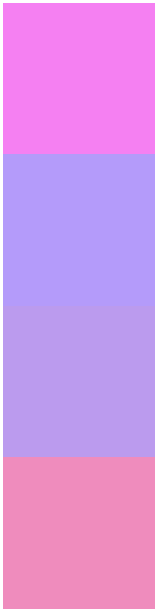
Original Color
F580F2

Protanopia
8FAAFF

Deuteranopia
9AAAEB

Tritanopia
EB939F

Trichromacy



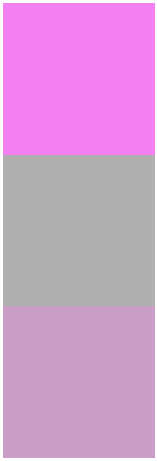
Original Color
F580F2

Protanomaly
B49BFA

Deuteranomaly
BB9BEE

Tritanomaly
EF8CBD

Monochromacy



Original Color
F580F2

Achromatopsia
B0B0B0

Achromatomaly
C99FC8

CSS Examples

Text

The CSS property to change the color of the text to Hex F580F2 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 #F580F2 looks like.

```
.text, #text, p{
    color:#F580F2
}
```

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 #F580F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F580F2
}
```

Border

The CSS property to change the border of an element to Hex F580F2 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
#F580F2 }
```

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

```
.border{ border-color:#F580F2 }
```

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

Here you see how a box with a 4 pixel #F580F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #F580F2; -webkit-box-shadow:4px 4px 4px 4px #F580F2; box-shadow:4px 4px 4px 4px #F580F2 }
```

Background

The CSS property to change the background color of an element to Hex F580F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#F580F2 }
```

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

```
.background{ background-color:#F580F2 }
```

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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