

Converting Colors

Hex(F587FF)

Have a look what the booklet for
Hex(F587FF) contains.

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Color

Hex(F587FF)

Conversions

Conversions Part 1

Format	Color
Hex	F587FF
RGB	245, 135, 255
RGB Percent	96%, 53%, 100%
CMY	0.0392, 0.4706, 0.0000
CMYK	0.04, 0.47, 0.00, 0.00
HSL	295°, 100%, 76%
HSV	295°, 47%, 100%
XYZ	64.3702, 43.9604, 99.7003
YIQ	181.5700, 27.0400, 60.6400

Conversions

Conversions Part 2

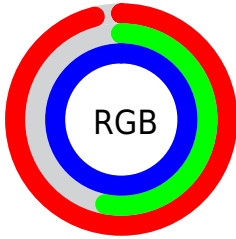
Format	Color
RYB	245, 135, 255
Decimal	16091135
CIELab	72.20, 58.91, -42.14
CIElCh	72, 72.428, 324.422
Yxy	43.9604, 0.3094, 0.2113
Android (android.graphics.Color)	4294281215 (0xFFFF587FF)
YUV	181.5700, 36.2010, 55.6281
Hunter-Lab	66.3027, 57.2677, -42.7434

Details

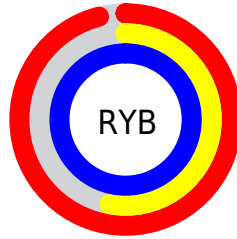
The Hex color **F587FF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91FF87**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFBFFF**, and **BA50C6** is the 20% darker color. If you saturate the color by 10%, you get **F36EFF**, and if you desaturate by 10%, it is **F7A1FF**.

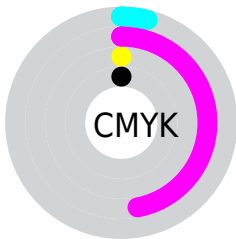
Distribution



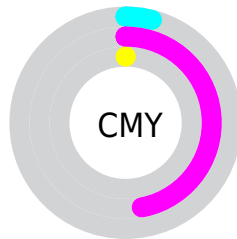
- Red (96%)
- Green (53%)
- Blue (100%)



- Red (96%)
- Yellow (53%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color F587FF 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 F587FF by changing the saturation by 10% instead.

 F587FF

FFFFFF

 FFBFFF

 FFDCFF

 FFF9FF

 F587FF

 D76CE2

 BA50C6

 9E34AA

 82128F

 670075

 4C005C

 330044

 16002D

 000117

 F587FF

 F587FF

 F36EFF

 F7A1FF

 F154FF

 F9BAFF

 EF3AFF

 FBD4FF

 EC21FF

 FDEDFD

 EA08FF

FFFFFF

 EA00FF

Harmonies

Analogous

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



99A5FF



F587FF



FF71C0

Triad

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



F587FF



DDAA17



00D0E6

Complementary

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



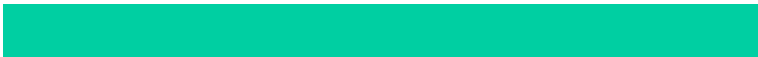
F587FF



91FF87

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.



00CFA2



F587FF



9DBD27

Square

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



F587FF



FF8F44



40CA5F



00CAFF

Rectangle

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



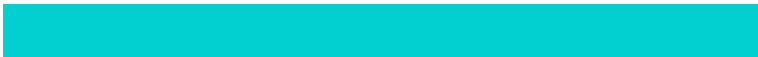
F587FF



FF7194



40CA5F



00D0D0

Sweetspot

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



F587FF



FCDBFF



8791FF



7E6A80



000000



808080

Same Dimension

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



F587FF



F370FF



FF87CD



7E7380



AF00BF



3A0040

Inverse Universe

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



FF8791



FF707C



87FFB9



807374



BF0010



400005

Previews

White Background



This preview shows how the Hex color F587FF looks on a white background.

Color Contrast Check

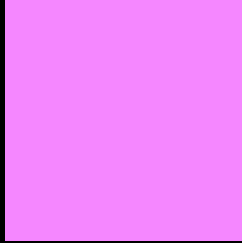
Large Text (above 18pt) WCAG AA × Fail

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 F587FF 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 F587FF Background



This preview shows how black text looks on a background with the Hex color F587FF.

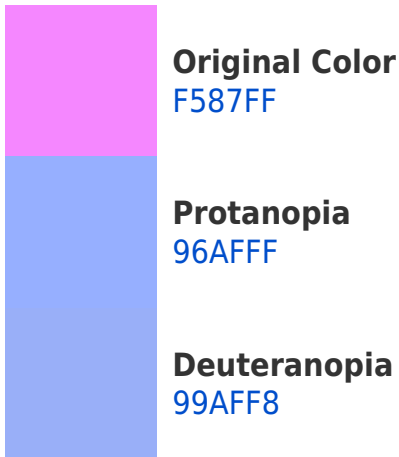


This preview shows how white text looks on a background with the Hex color F587FF.

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](#).

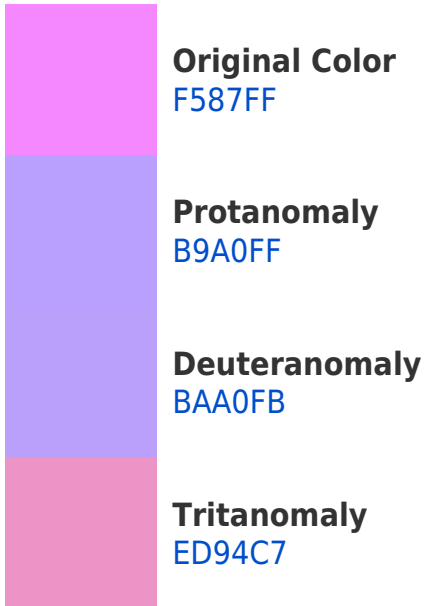
Dichromacy



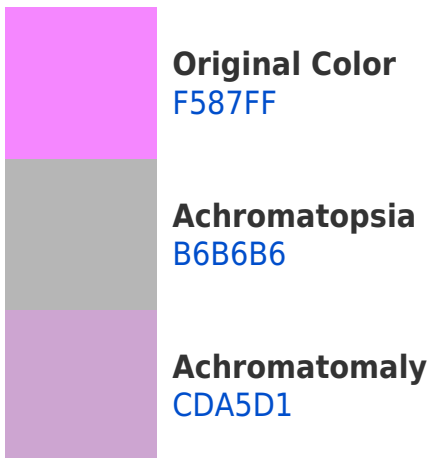


Tritanopia
E99BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F587FF 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 #F587FF looks like.

```
.text, #text, p{  
    color:#F587FF  
}
```

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 #F587FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F587FF  
}
```

Border

The CSS property to change the border of an element to Hex F587FF 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  
#F587FF }
```

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

```
.border{ border-color:#F587FF }
```

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

Here you see how a box with a 4 pixel #F587FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F587FF; -webkit-box-shadow:4px 4px  
4px 4px #F587FF; box-shadow:4px 4px 4px  
4px #F587FF }
```

Background

The CSS property to change the background color of an element to Hex F587FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F587FF }
```

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

```
.background{ background-color:#F587FF }
```

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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