

# Converting Colors

Hex(F281FF)

Have a look what the booklet for  
Hex(F281FF) contains.

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# Color

**Hex(F281FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F281FF
RGB	242, 129, 255
RGB Percent	95%, 51%, 100%
CMY	0.0510, 0.4941, 0.0000
CMYK	0.05, 0.49, 0.00, 0.00
HSL	294°, 100%, 75%
HSV	294°, 49%, 100%
XYZ	62.5182, 41.7978, 99.3804
YIQ	177.1510, 26.9020, 63.1420

# Conversions

## Conversions Part 2

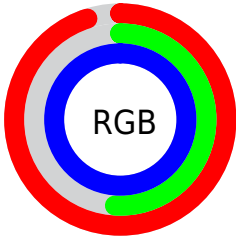
Format	Color
<a href="#">RYB</a>	<a href="#">242, 129, 255</a>
Decimal	<a href="#">15892991</a>
CIELab	<a href="#">70.73, 60.99, -44.47</a>
CIElCh	<a href="#">71, 75.483, 323.907</a>
Yxy	<a href="#">41.7978, 0.3069, 0.2052</a>
Android (android.graphics.Color)	<a href="#">4294083071 (0xFFFF281FF)</a>
YUV	<a href="#">177.1510, 38.3796, 56.8726</a>
Hunter-Lab	<a href="#">64.6512, 59.4713, -45.8835</a>

# Details

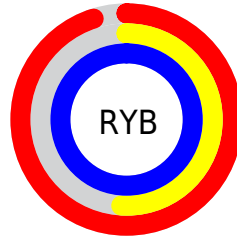
The Hex color **F281FF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8EFF81**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFB9FF**, and **B74AC6** is the 20% darker color. If you saturate the color by 10%, you get **EF68FF**, and if you desaturate by 10%, it is **F59BFF**.

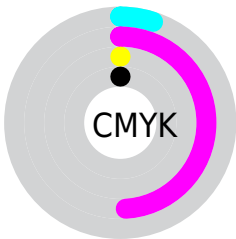
# Distribution



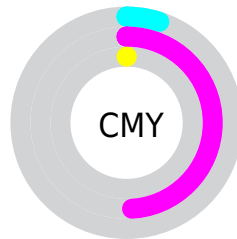
- Red (95%)
- Green (51%)
- Blue (100%)



- Red (95%)
- Yellow (51%)
- Blue (100%)



- Cyan (5%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (49%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F281FF 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 F281FF by changing the saturation by 10% instead.



 F281FF

 F281FF

FFFFFF

 D465E2

 FFB9FF

 B74AC6

 FFD6FF

 9B2CAA

 FFF3FF

 7F028F

 640075

 48005C

 300044

 0F002C

 000117

 F281FF

 F281FF

 EF68FF

 F59BFF

 ED4EFF

 F7B4FF

 EA35FF

 FACEFF

 E71BFF

 FDE7FF

 E502FF

FFFFFF

 E500FF

# Harmonies

## Analogous

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



90A1FF



F281FF



FF68BE

# Triad

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



F281FF



DAA500



00CDE3

# Complementary

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



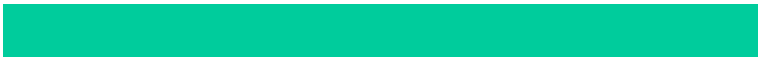
F281FF



8EFF81

# 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.



00CC9C



F281FF



99BA14

# Square

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



F281FF



FF893C



33C657



00C7FF

# Rectangle

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



F281FF



FF6890



33C657



00CDCC



# Sweetspot

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



F281FF



FBD9FF



8190FF



7D6980



000000



808080



# Same Dimension

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



F281FF



EF69FF



FF81CF



7E7380



AC00BF



390040



# Inverse Universe

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



FF818E



FF6978



81FFB1



807374



BF0014



400007



# Previews

## White Background



This preview shows how the Hex color F281FF 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

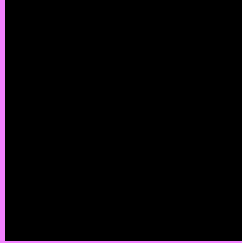
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F281FF Background



This preview shows how black text looks on a background with the Hex color F281FF.

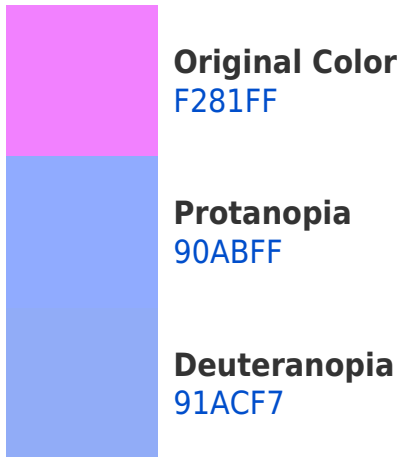


This preview shows how white text looks on a background with the Hex color F281FF.

# 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](#).

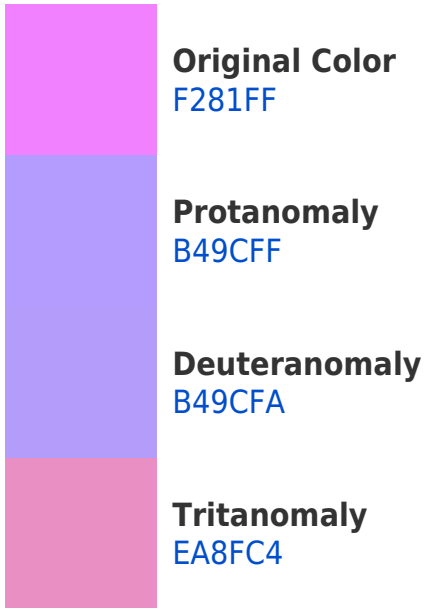
## Dichromacy



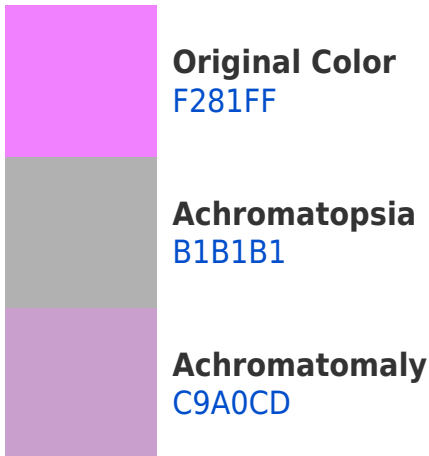


**Tritanopia**  
E697A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F281FF 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 #F281FF looks like.

```
.text, #text, p{  
    color:#F281FF  
}
```

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 #F281FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F281FF
}
```

## Border

The CSS property to change the border of an element to Hex F281FF 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
#F281FF }
```

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

```
.border{ border-color:#F281FF }
```

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

Here you see how a box with a 4 pixel #F281FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F281FF; -webkit-box-shadow:4px 4px  
4px 4px #F281FF; box-shadow:4px 4px 4px  
4px #F281FF }
```

# Background

The CSS property to change the background color of an element to Hex F281FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F281FF }
```

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

```
.background{ background-color:#F281FF }
```

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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