

# Converting Colors

Hex(F27BF1)

Have a look what the booklet for  
Hex(F27BF1) contains.

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# Color

**Hex(F27BF1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F27BF1
RGB	242, 123, 241
RGB Percent	95%, 48%, 95%
CMY	0.0510, 0.5176, 0.0549
CMYK	0.00, 0.49, 0.00, 0.05
HSL	301°, 82%, 72%
HSV	301°, 49%, 95%
XYZ	59.5781, 39.3940, 87.6828
YIQ	172.0330, 33.0460, 61.9260

# Conversions

## Conversions Part 2

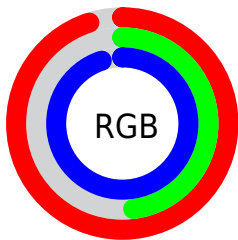
Format	Color
R <sub>Y</sub> B	242, 123, 241
Decimal	15891441
CIE <sub>Lab</sub>	69.04, 61.38, -39.46
CIE <sub>LCh</sub>	69, 72.967, 327.263
Yxy	39.3940, 0.3192, 0.2111
Android (android.graphics.Color)	4294081521 (0xFFFF27BF1)
YUV	172.0330, 34.0007, 61.3611
Hunter-Lab	62.7647, 59.5993, -38.8934

# Details

The Hex color **F27BF1** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **7BF27C**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFB3FF**, and **B743B8** is the 20% darker color. If you saturate the color by 10%, you get **F263F1**, and if you desaturate by 10%, it is **F293F1**.

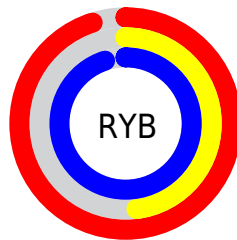
# Distribution



Red (95%)

Green (48%)

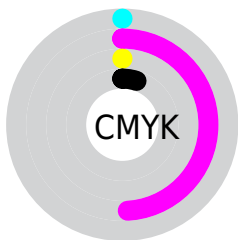
Blue (95%)



Red (95%)

Yellow (48%)

Blue (95%)

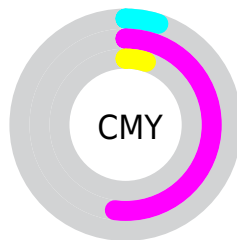


Cyan (0%)

Magenta (49%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (52%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F27BF1 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 F27BF1 by changing the saturation by 10% instead.



 F27BF1

 F27BF1

FFFFFF

 D45FD4

 FFB3FF

 B743B8

 FFD0FF

 9B249D

 FFEDFF

 7F0083

 640069

 490050

 310039

 0C0022

 000008

 F27BF1

 F27BF1

 F263F1

 F293F1

 F24BF1

 F2ABF1

 F232F0

 F2C4F2

 F21AF0

 F2DCF2

 F202F0

 F2F4F2

 F200F0

 F2FFF2

 F2FFF3

# Harmonies

## Analogous

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



9B9AFF



F27BF1



FF66B1

# Triad

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



F27BF1



CEA300



00C7E3

# Complementary

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



F27BF1



7BF27C

# 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.



00C7A0



F27BF1



8DB61F

# Square

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



F27BF1



FF8936



1BC25D



00C1FF

# Rectangle

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



F27BF1



FF6885



1BC25D



00C7CE



# Sweetspot

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



F27BF1



FFD9FF



7B7BF2



80697F



000000



808080



# Same Dimension

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



F27BF1



FF69FE



F27BB6



786C78



B800B6



380038



# Inverse Universe

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



F27BF1



FF69FE



7BF2B6



786C78



B800B6



380038



# Previews

## White Background



This preview shows how the Hex color F27BF1 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 F27BF1 Background



This preview shows how black text looks on a background with the Hex color F27BF1.

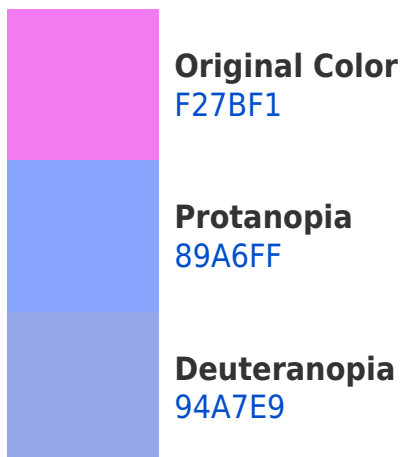


This preview shows how white text looks on a background with the Hex color F27BF1.

# 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](#).

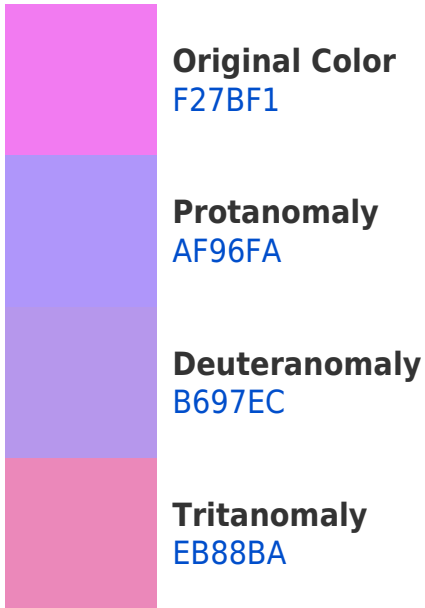
## Dichromacy



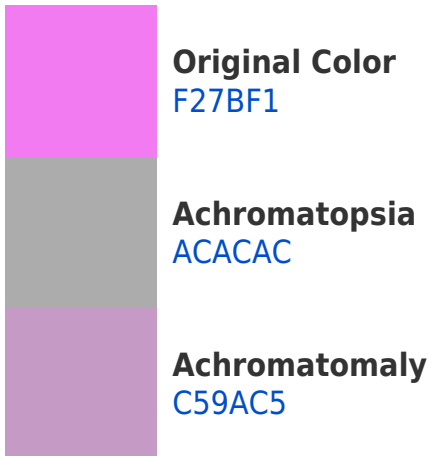


**Tritanopia**  
E7909A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F27BF1 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 #F27BF1 looks like.

```
.text, #text, p{  
    color:#F27BF1  
}
```

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 #F27BF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F27BF1
}
```

## Border

The CSS property to change the border of an element to Hex F27BF1 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
#F27BF1 }
```

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

```
.border{ border-color:#F27BF1 }
```

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

Here you see how a box with a 4 pixel #F27BF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F27BF1; -webkit-box-shadow:4px 4px  
4px 4px #F27BF1; box-shadow:4px 4px 4px  
4px #F27BF1 }
```

# Background

The CSS property to change the background color of an element to Hex F27BF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F27BF1 }
```

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

```
.background{ background-color:#F27BF1 }
```

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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