

Converting Colors

Hex(F27CE7)

Have a look what the booklet for
Hex(F27CE7) contains.

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Color

Hex(F27CE7)

Conversions

Conversions Part 1

Format	Color
Hex	F27CE7
RGB	242, 124, 231
RGB Percent	95%, 49%, 91%
CMY	0.0510, 0.5137, 0.0941
CMYK	0.00, 0.49, 0.05, 0.05
HSL	306°, 82%, 72%
HSV	306°, 49%, 95%
XYZ	58.2494, 39.0621, 80.0710
YIQ	171.4800, 35.9810, 58.2930

Conversions

Conversions Part 2

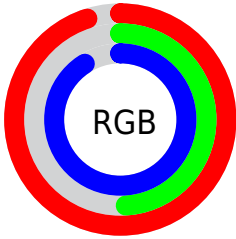
Format	Color
R _Y B	242, 124, 231
Decimal	15891687
CIE Lab	68.80, 59.20, -34.32
CIE LCh	69, 68.434, 329.897
Yxy	39.0621, 0.3284, 0.2202
Android (android.graphics.Color)	4294081767 (0xFFFF27CE7)
YUV	171.4800, 29.3434, 61.8460
Hunter-Lab	62.4997, 56.9868, -32.2092

Details

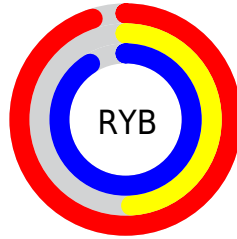
The Hex color **F27CE7** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **7CF287**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFB4FF**, and **B745AF** is the 20% darker color. If you saturate the color by 10%, you get **F264E5**, and if you desaturate by 10%, it is **F294E9**.

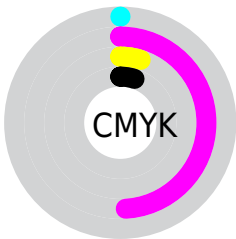
Distribution



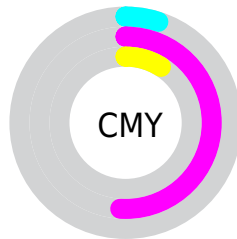
- Red (95%)
- Green (49%)
- Blue (91%)



- Red (95%)
- Yellow (49%)
- Blue (91%)



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



- Cyan (5%)
- Magenta (51%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color F27CE7 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 F27CE7 by changing the saturation by 10% instead.

 F27CE7

 F27CE7

FFFFFF

 D460CB

 FFB4FF

 B745AF

 FFD1FF

 9B2794

 FFE0FF

 7F007A

 640061

 490049

 310032

 0B001B

 000000

 F27CE7

 F27CE7

 F264E5

 F294E9

 F24CE2

 F2ACEC

 F233E0

 F2C5EE

 F21BDE

 F2DDF0

 F203DC

 F2F5F2

 F200DB

 F2FFF5

 F2FFF7

 F2FFF9

 F2FFFB

Harmonies

Analogous

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



A697FF



F27CE7



FF6BAB

Triad

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



F27CE7



C7A517



00C4E4

Complementary

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



F27CE7



7CF287

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.



00C5A6



F27CE7



89B630

Square

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



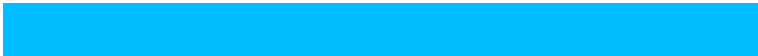
F27CE7



F78D3A



1DC066



00BEFF

Rectangle

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



F27CE7



FF6F81



1DC066



00C5D0

Sweetspot

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



F27CE7



FFD9FB



867CF2



80697D



000000



808080

Same Dimension

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



F27CE7



FF69F1



F27CAD



786C77



B800A6



380033

Inverse Universe

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



F27CE7



FF69F1



7CF2C1



786C77



B800A6



380033

Previews

White Background



This preview shows how the Hex color F27CE7 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 F27CE7 Background



This preview shows how black text looks on a background with the Hex color F27CE7.

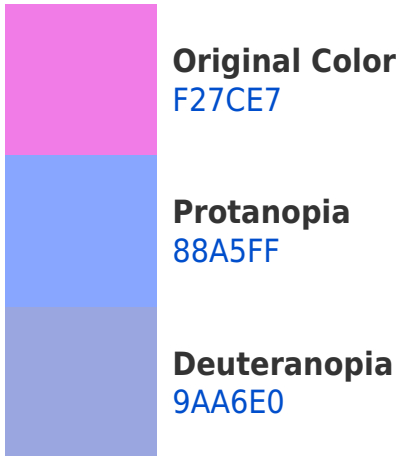


This preview shows how white text looks on a background with the Hex color F27CE7.

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
E98E99

Trichromacy



Original Color
F27CE7



Protanomaly
AF96F6



Deuteranomaly
BA97E3



Tritanomaly
EC87B5

Monochromacy



Original Color
F27CE7



Achromatopsia
ABABAB



Achromatomaly
C59AC1

CSS Examples

Text

The CSS property to change the color of the text to Hex F27CE7 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 #F27CE7 looks like.

```
.text, #text, p{  
    color:#F27CE7  
}
```

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 #F27CE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F27CE7
}
```

Border

The CSS property to change the border of an element to Hex F27CE7 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
#F27CE7 }
```

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

```
.border{ border-color:#F27CE7 }
```

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

Here you see how a box with a 4 pixel #F27CE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F27CE7; -webkit-box-shadow:4px 4px  
4px 4px #F27CE7; box-shadow:4px 4px 4px  
4px #F27CE7 }
```

Background

The CSS property to change the background color of an element to Hex F27CE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F27CE7 }
```

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

```
.background{ background-color:#F27CE7 }
```

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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