

Converting Colors

Hex(F27CAE)

Have a look what the booklet for
Hex(F27CAE) contains.

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Color

Hex(F27CAE)

Conversions

Conversions Part 1

Format	Color
Hex	F27CAE
RGB	242, 124, 174
RGB Percent	95%, 49%, 68%
CMY	0.0510, 0.5137, 0.3176
CMYK	0.00, 0.49, 0.28, 0.05
HSL	335°, 82%, 72%
HSV	335°, 49%, 95%
XYZ	51.4656, 36.3485, 44.3478
YIQ	164.9820, 54.2780, 40.5660

Conversions

Conversions Part 2

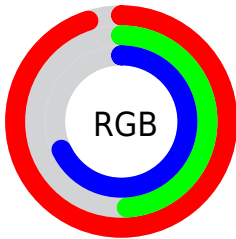
Format	Color
R _Y B	242, 124, 174
Decimal	15891630
CIE Lab	66.79, 50.70, -5.52
CIE LCh	67, 50.999, 353.788
Yxy	36.3485, 0.3894, 0.2750
Android (android.graphics.Color)	4294081710 (0xFFFF27CAE)
YUV	164.9820, 4.4459, 67.5448
Hunter-Lab	60.2898, 46.8672, -1.4096

Details

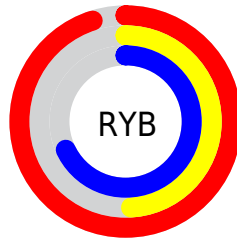
The Hex color **F27CAE** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **7CF2C0**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFB3E5**, and **B7467A** is the 20% darker color. If you saturate the color by 10%, you get **F264A0**, and if you desaturate by 10%, it is **F294BC**.

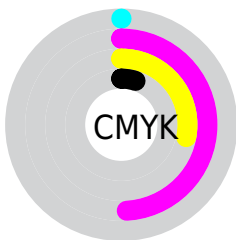
Distribution



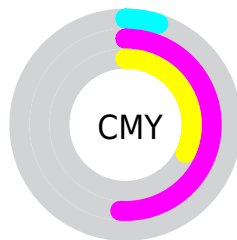
- Red (95%)
- Green (49%)
- Blue (68%)



- Red (95%)
- Yellow (49%)
- Blue (68%)



- Cyan (0%)
- Magenta (49%)
- Yellow (28%)
- Black (5%)



- Cyan (5%)
- Magenta (51%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color F27CAE 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 F27CAE by changing the saturation by 10% instead.

 F27CAE

 F27CAE

FFFFFF

 D46193

 FFB3E5

 B7467A

 FFD0FF

 9A2A61

 FFEDFF

 7E0449

 630033

 47001E

 300002

 000000

 F27CAE

 F27CAE

 F264A0

 F294BC

 F24C92

 F2ACCA

 F23384

 F2C5D8

 F21B76

 F2DDE6

 F20368

 F2F5F4

 F20067

 F2FFFF

Harmonies

Analogous

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



D288D9



F27CAE



F87E80

Triad

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



F27CAE



99AB4B



00B5EC

Complementary

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



F27CAE



7CF2C0

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.



00B9C6



F27CAE



61B46A

Square

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



F27CAE



C59D44



00B997



25AAFD

Rectangle

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



F27CAE



EF8665



00B997



00B7E1

Sweetspot

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



F27CAE



FFD9E9



BF7CF2



806972



000000



808080

Same Dimension

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



F27CAE



FF69A8



F2847C



786C71



B8004E



380018

Inverse Universe

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



F27CAE



FF69A8



7CEAF2



786C71



B8004E



380018

Previews

White Background



This preview shows how the Hex color F27CAE looks on a white background.

Color Contrast Check

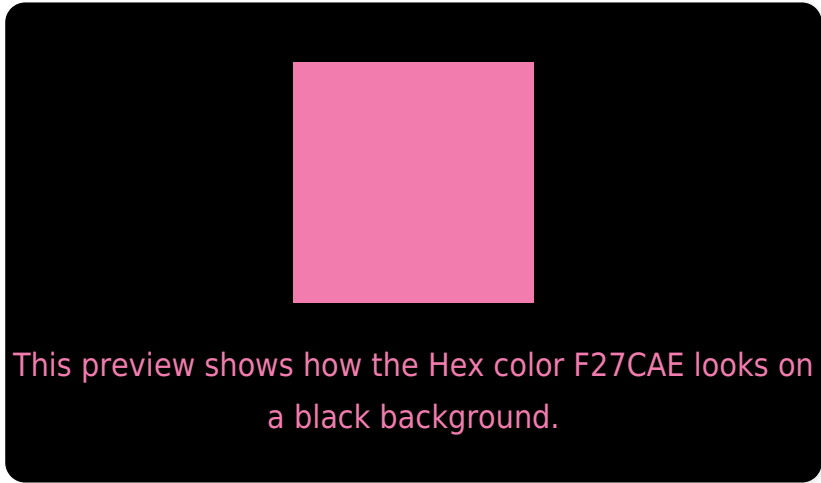
Large Text (above 18pt) WCAG AA × Fail

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 F27CAE Background



This preview shows how black text looks on a background with the Hex color F27CAE.

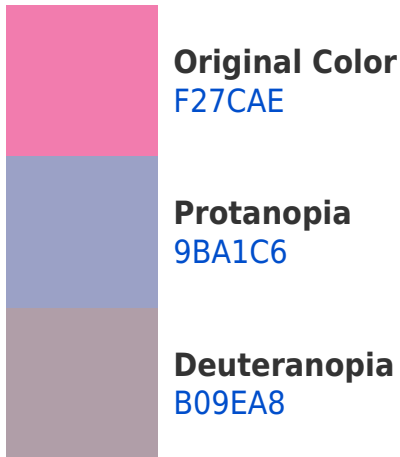


This preview shows how white text looks on a background with the Hex color F27CAE.

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
EF838C

Trichromacy



Original Color
F27CAE



Protanomaly
BB94BD



Deuteranomaly
C892AA

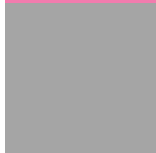


Tritanomaly
F08098

Monochromacy



Original Color
F27CAE



Achromatopsia
A5A5A5



Achromatomaly
C196A8

CSS Examples

Text

The CSS property to change the color of the text to Hex F27CAE 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 #F27CAE looks like.

```
.text, #text, p{  
    color:#F27CAE  
}
```

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 #F27CAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F27CAE
}
```

Border

The CSS property to change the border of an element to Hex F27CAE 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
#F27CAE }
```

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

```
.border{ border-color:#F27CAE }
```

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

Here you see how a box with a 4 pixel #F27CAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F27CAE; -webkit-box-shadow:4px 4px  
4px 4px #F27CAE; box-shadow:4px 4px 4px  
4px #F27CAE }
```

Background

The CSS property to change the background color of an element to Hex F27CAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F27CAE }
```

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

```
.background{ background-color:#F27CAE }
```

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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