

# Converting Colors

Hex(F27499)

Have a look what the booklet for  
Hex(F27499) contains.

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# **Color**

**Hex(F27499)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F27499
RGB	242, 116, 153
RGB Percent	95%, 45%, 60%
CMY	0.0510, 0.5451, 0.4000
CMYK	0.00, 0.52, 0.37, 0.05
HSL	342°, 83%, 70%
HSV	342°, 52%, 95%
XYZ	48.6131, 33.6679, 34.0734
YIQ	157.8920, 63.2190, 38.2190

# Conversions

## Conversions Part 2

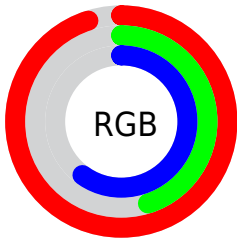
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 116, 153
Decimal	15889561
CIE <sub>Lab</sub>	64.70, 52.02, 3.35
CIE <sub>LCh</sub>	65, 52.131, 3.685
Yxy	33.6679, 0.4178, 0.2894
Android (android.graphics.Color)	4294079641 (0xFF27499)
YUV	157.8920, -2.4118, 73.7627
Hunter-Lab	58.0241, 48.0068, 5.8001

# Details

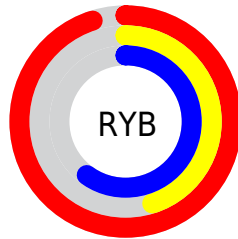
The Hex color **F27499** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **74F2CD**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFABCF**, and **B63D66** is the 20% darker color. If you saturate the color by 10%, you get **F25C88**, and if you desaturate by 10%, it is **F28CAA**.

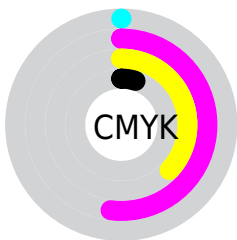
# Distribution



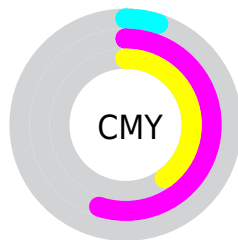
- Red (95%)
- Green (45%)
- Blue (60%)



- Red (95%)
- Yellow (45%)
- Blue (60%)



- Cyan (0%)
- Magenta (52%)
- Yellow (37%)
- Black (5%)



- Cyan (5%)
- Magenta (55%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F27499 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 F27499 by changing the saturation by 10% instead.



 F27499

 F27499

FFFFFF

 D4597F

 FFABCF

 B63D66

 FFC8EB

 991F4E

 FFE5FF

 7C0038

 600023

 45000C

 2A0001

 000000

 F27499

 F27499

 F25C88

 F28CAA

 F24477

 F2A4BB

 F22B66

 F2BDCC

 F21355

 F2D5DD

 F20047

 F2EDEE

 F2FFFF

# Harmonies

## Analogous

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



DB7CC7



F27499



EF7B6C

# Triad

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



F27499



82A94C



00ADF0

# Complementary

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



F27499



74F2CD

# 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.



00B3CF



F27499



3FB172

# Square

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



F27499



B29C3B



00B4A1



4EA0FA

# Rectangle

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



F27499



E28653



00B4A1



00AFE7



# Sweetspot

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



F27499



FFD6E2



CC74F2



80676E



000000



808080



# Same Dimension

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



F27499



FF618F



F28D74



786C6F



B80036



380010



# Inverse Universe

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



F27499



FF618F



74D9F2



786C6F



B80036



380010



# Previews

## White Background



This preview shows how the Hex color F27499 looks on a white background.

## Color Contrast Check

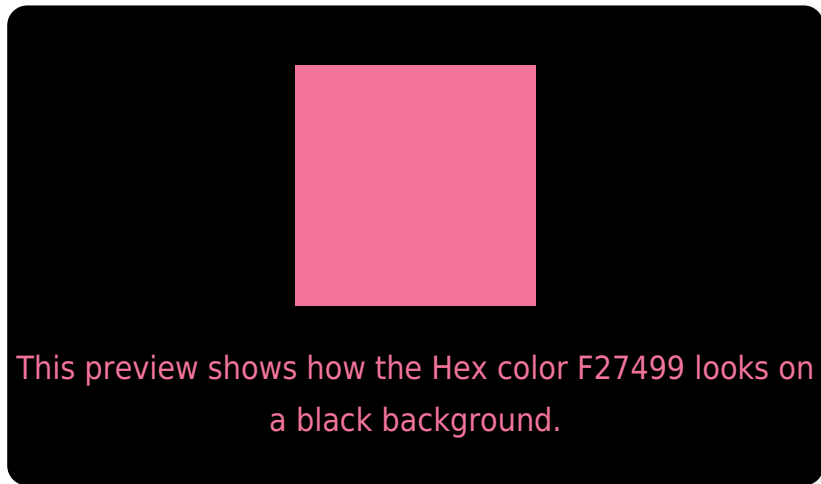
Large Text (above 18pt) WCAG AA × Fail

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 F27499 Background



This preview shows how black text looks on a background with the Hex color F27499.

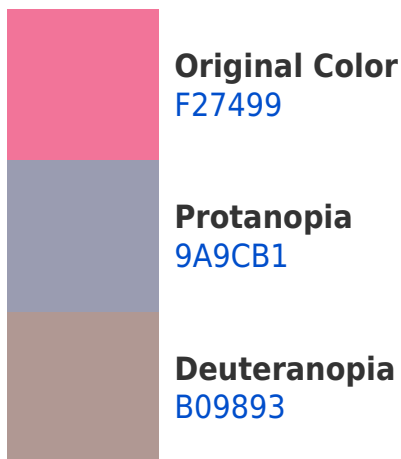


This preview shows how white text looks on a background with the Hex color F27499.

# 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**  
F07881

# Trichromacy



**Original Color**  
F27499



**Protanomaly**  
BA8DA8



**Deuteranomaly**  
C88B95



**Tritanomaly**  
F1778A

# Monochromacy



**Original Color**  
F27499



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
BD8F9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F27499 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 #F27499 looks like.

```
.text, #text, p{  
    color:#F27499  
}
```

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 #F27499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F27499
}
```

## Border

The CSS property to change the border of an element to Hex F27499 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
#F27499 }
```

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

```
.border{ border-color:#F27499 }
```

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

Here you see how a box with a 4 pixel #F27499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F27499; -webkit-box-shadow:4px 4px  
4px 4px #F27499; box-shadow:4px 4px 4px  
4px #F27499 }
```

# Background

The CSS property to change the background color of an element to Hex F27499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F27499 }
```

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

```
.background{ background-color:#F27499 }
```

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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