

# Converting Colors

Hex(C27FA4)

Have a look what the booklet for  
Hex(C27FA4) contains.

<b>Hex(C27FA4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C27FA4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C27FA4
RGB	194, 127, 164
RGB Percent	76%, 50%, 64%
CMY	0.2392, 0.5020, 0.3569
CMYK	0.00, 0.35, 0.15, 0.24
HSL	327°, 35%, 63%
HSV	327°, 35%, 76%
XYZ	36.5383, 29.3284, 38.8571
YIQ	151.2510, 28.0550, 25.7110

# Conversions

## Conversions Part 2

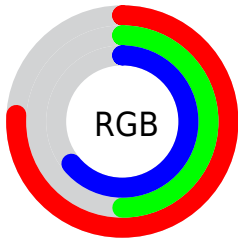
Format	Color
<a href="#">RYB</a>	<a href="#">194, 127, 164</a>
Decimal	<a href="#">12746660</a>
CIELab	<a href="#">61.07, 31.36, -8.98</a>
CIELCh	<a href="#">61, 32.619, 344.016</a>
Yxy	<a href="#">29.3284, 0.3489, 0.2801</a>
Android (android.graphics.Color)	<a href="#">4290936740</a> ( <a href="#">0xFFC27FA4</a> )
YUV	<a href="#">151.2510, 6.2853, 37.4909</a>
Hunter-Lab	<a href="#">54.1557, 25.6598, -4.6320</a>

# Details

The Hex color **C27FA4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **7FC29D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FBB5DB**, and **8B4C70** is the 20% darker color. If you saturate the color by 10%, you get **C26C9B**, and if you desaturate by 10%, it is **C292AD**.

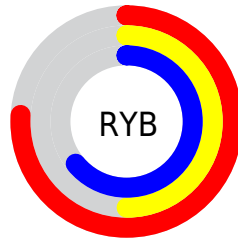
# Distribution



Red (76%)

Green (50%)

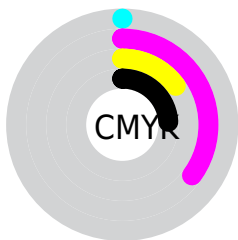
Blue (64%)



Red (76%)

Yellow (50%)

Blue (64%)

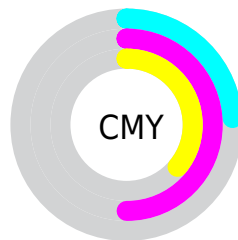


Cyan (0%)

Magenta (35%)

Yellow (15%)

Black (24%)



Cyan (24%)

Magenta (50%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C27FA4 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 C27FA4 by changing the saturation by 10% instead.



 C27FA4

 C27FA4


FFFFFF

 A6658A

 FBB5DB

 8B4C70

 FFD0F7

 713458

 FFEDFF

 571D40

 3E032A

 2A0016

 000000

 C27FA4

 C27FA4

 C26C9B

 C292AD

 C25893

 C2A6B5

 C2458A

 C2B9BE

 C23181

 C2CDC7

 C21E79

 C2E0CF

 C20B70

 C2F3D8

 C2006B

 C2FFE1

 C2FFE9

 C2FFF2

# Harmonies

## Analogous

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



A887BD



C27FA4



CC7D87

# Triad

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



C27FA4



99965B



26A1BB

# Complementary

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



C27FA4



7FC29D

# 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.



2FA3A0



C27FA4



799D69

# Square

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



C27FA4



B48C5C



55A283



509BCA

# Rectangle

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



C27FA4



CA8075



55A283



21A2B3



# Sweetspot

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



C27FA4



FCE3F1



9C7FC2



807079



000000



808080



# Same Dimension

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



C27FA4



FC95CE



C27F83



61575D



A10059



210012



# Inverse Universe

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



C27FA4



FC95CE



7FC2BE



61575D



A10059

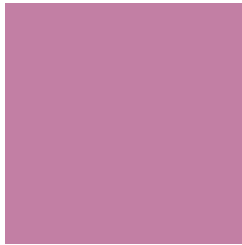


210012



# Previews

## White Background



This preview shows how the Hex color C27FA4 looks on a white background.

## Color Contrast Check

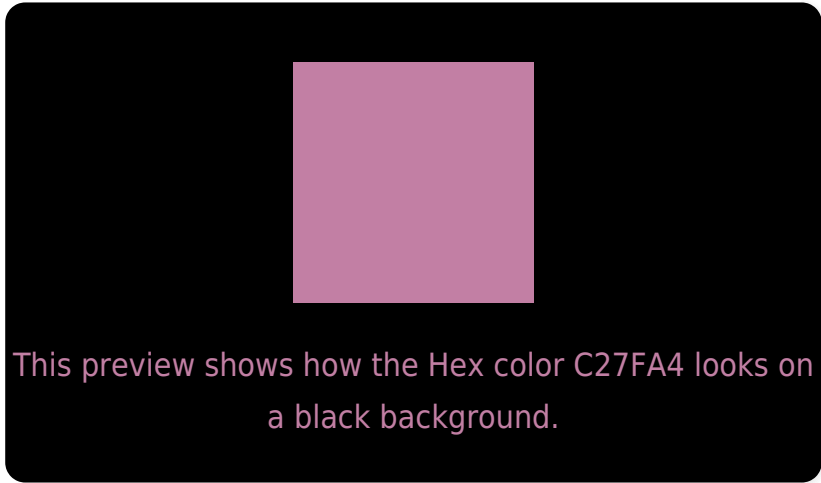
Large Text (above 18pt) WCAG AA ✓ Pass

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

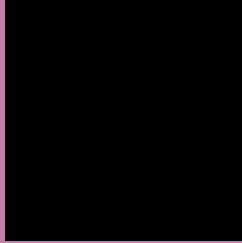
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C27FA4 Background



This preview shows how black text looks on a background with the Hex color C27FA4.

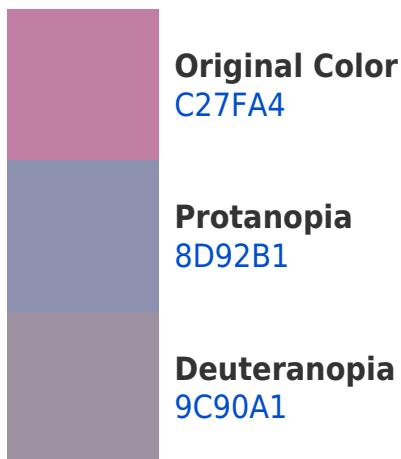



This preview shows how white text looks on a background with the Hex color C27FA4.

# 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](#).

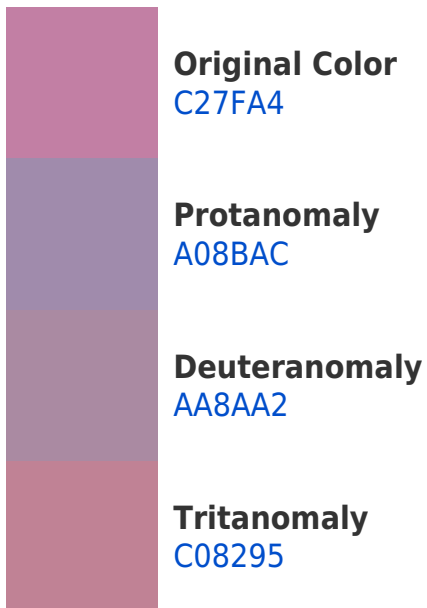
## Dichromacy





**Tritanopia**  
BF838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C27FA4 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 #C27FA4 looks like.

```
.text, #text, p{  
    color:#C27FA4  
}
```

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 #C27FA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27FA4
}
```

## Border

The CSS property to change the border of an element to Hex C27FA4 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
#C27FA4 }
```

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

```
.border{ border-color:#C27FA4 }
```

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

Here you see how a box with a 4 pixel #C27FA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27FA4; -webkit-box-shadow:4px 4px  
4px 4px #C27FA4; box-shadow:4px 4px 4px  
4px #C27FA4 }
```

# Background

The CSS property to change the background color of an element to Hex C27FA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27FA4 }
```

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

```
.background{ background-color:#C27FA4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor