

Converting Colors

Hex(C27FD3)

Have a look what the booklet for
Hex(C27FD3) contains.

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Color

Hex(C27FD3)

Conversions

Conversions Part 1

Format	Color
Hex	C27FD3
RGB	194, 127, 211
RGB Percent	76%, 50%, 83%
CMY	0.2392, 0.5020, 0.1725
CMYK	0.08, 0.40, 0.00, 0.17
HSL	288°, 49%, 66%
HSV	288°, 40%, 83%
XYZ	41.5954, 31.3512, 65.4871
YIQ	156.6090, 12.9680, 40.3280

Conversions

Conversions Part 2

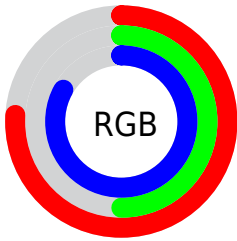
Format	Color
RYB	194, 127, 211
Decimal	12746707
CIELab	62.80, 39.94, -32.95
CIELCh	63, 51.783, 320.476
Yxy	31.3512, 0.3005, 0.2265
Android (android.graphics.Color)	4290936787 (0xFFC27FD3)
YUV	156.6090, 26.8148, 32.7919
Hunter-Lab	55.9922, 34.6175, -30.1496

Details

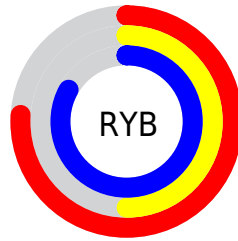
The Hex color **C27FD3** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **90D37F**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FCB5FF**, and **8B4C9C** is the 20% darker color. If you saturate the color by 10%, you get **BE6AD3**, and if you desaturate by 10%, it is **C694D3**.

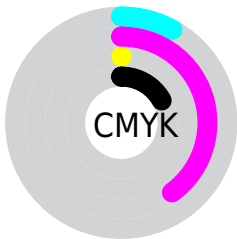
Distribution



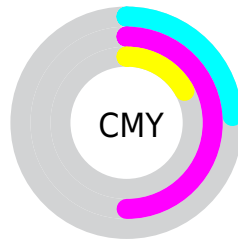
- Red (76%)
- Green (50%)
- Blue (83%)



- Red (76%)
- Yellow (50%)
- Blue (83%)



- Cyan (8%)
- Magenta (40%)
- Yellow (0%)
- Black (17%)



- Cyan (24%)
- Magenta (50%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color C27FD3 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 C27FD3 by changing the saturation by 10% instead.

 C27FD3

 C27FD3

FFFFFF

 A665B7

 FCB5FF

 8B4C9C

 FFD1FF

 703382

 FFEEFF

 561A68

 3D0050

 270039

 000022

 000008

 000000

 C27FD3

 C27FD3

 BE6AD3

 C694D3

 B955D3

 CBA9D3

 B540D3

 CFBED3

 B12BD3

 D3D3D3

 AD16D3

 D7E9D3

 A800D3

 DCFED3

 E0FFD3

 E4FFD3

 E8FFD3

Harmonies

Analogous

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



8192EE



C27FD3



E571A9

Triad

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



C27FD3



BE903A



00AFB7

Complementary

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



C27FD3



90D37F

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.



00AE87



C27FD3



939F3D

Square

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



C27FD3



DE7F52



5CA95B



00ABDE

Rectangle

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



C27FD3



ED708A



5CA95B



00AFA7

Sweetspot

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



C27FD3



F9E0FF



7F91D3



7C6E80



000000



808080

Same Dimension

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



C27FD3



E685FF



D37FBB



665E69



8600A8



210029

Inverse Universe

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



D37F90



FF859D



7FD397



695E60



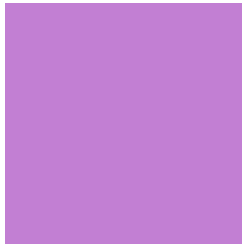
A80022



290008

Previews

White Background



This preview shows how the Hex color C27FD3 looks on a white background.

Color Contrast Check

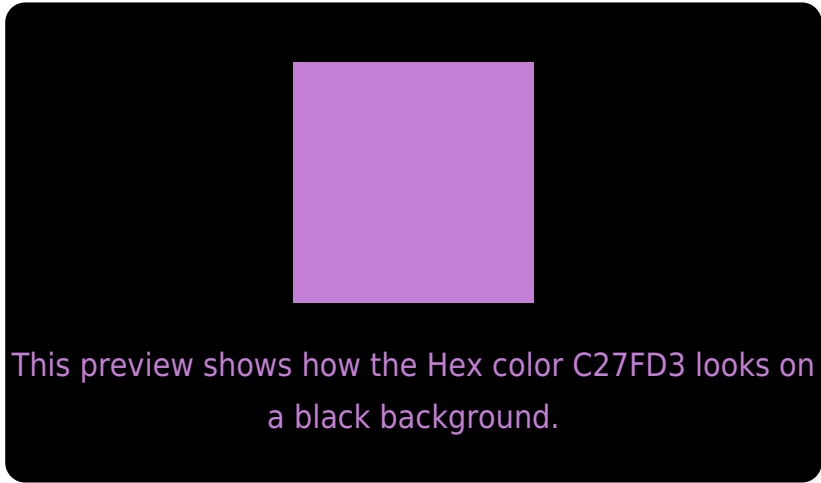
Large Text (above 18pt) WCAG AA × Fail

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

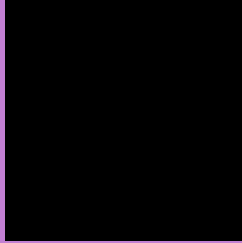
Any Text WCAG AA ✓ Pass

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 C27FD3 Background



This preview shows how black text looks on a background with the Hex color C27FD3.

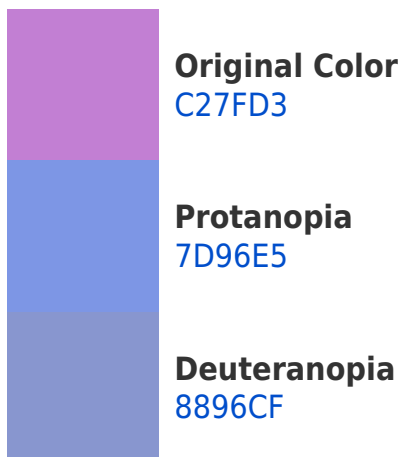


This preview shows how white text looks on a background with the Hex color C27FD3.

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
B98C97

Trichromacy



Original Color
C27FD3



Protanomaly
968EDE



Deuteranomaly
9D8ED0



Tritanomaly
BC87AD

Monochromacy



Original Color
C27FD3



Achromatopsia
9D9D9D



Achromatomaly
AA92B1

CSS Examples

Text

The CSS property to change the color of the text to Hex C27FD3 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 #C27FD3 looks like.

```
.text, #text, p{  
    color:#C27FD3  
}
```

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 #C27FD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C27FD3
}
```

Border

The CSS property to change the border of an element to Hex C27FD3 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
#C27FD3 }
```

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

```
.border{ border-color:#C27FD3 }
```

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

Here you see how a box with a 4 pixel #C27FD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C27FD3; -webkit-box-shadow:4px 4px  
4px 4px #C27FD3; box-shadow:4px 4px 4px  
4px #C27FD3 }
```

Background

The CSS property to change the background color of an element to Hex C27FD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C27FD3 }
```

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

```
.background{ background-color:#C27FD3 }
```

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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