

# Converting Colors

Hex(D27FD3)

Have a look what the booklet for  
Hex(D27FD3) contains.

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# Color

Hex(D27FD3)

# Conversions

## Conversions Part 1

Format	Color
Hex	D27FD3
RGB	210, 127, 211
RGB Percent	82%, 50%, 83%
CMY	0.1765, 0.5020, 0.1725
CMYK	0.00, 0.40, 0.00, 0.17
HSL	299°, 49%, 66%
HSV	299°, 40%, 83%
XYZ	45.9256, 33.5835, 65.6897
YIQ	161.3930, 22.5040, 43.7200

# Conversions

## Conversions Part 2

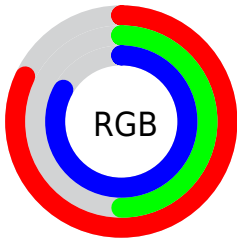
Format	Color
<a href="#">RYB</a>	<a href="#">210, 127, 211</a>
Decimal	<a href="#">13795283</a>
CIELab	<a href="#">64.63, 44.81, -29.98</a>
CIElCh	<a href="#">65, 53.909, 326.215</a>
Yxy	<a href="#">33.5835, 0.3163, 0.2313</a>
Android (android.graphics.Color)	<a href="#">4291985363 (0xFFD27FD3)</a>
YUV	<a href="#">161.3930, 24.4563, 42.6283</a>
Hunter-Lab	<a href="#">57.9513, 40.0440, -26.6413</a>

# Details

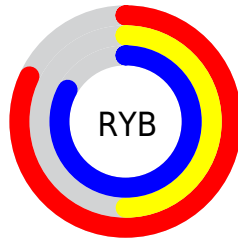
The Hex color **D27FD3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **80D37F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB5FF**, and **9A4B9C** is the 20% darker color. If you saturate the color by 10%, you get **D26AD3**, and if you desaturate by 10%, it is **D294D3**.

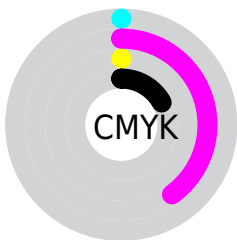
# Distribution



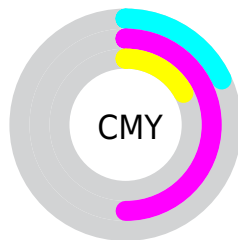
- Red (82%)
- Green (50%)
- Blue (83%)



- Red (82%)
- Yellow (50%)
- Blue (83%)



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



- Cyan (18%)
- Magenta (50%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D27FD3 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 D27FD3 by changing the saturation by 10% instead.



 D27FD3

 D27FD3

FFFFFF

 B665B7

 FFB5FF

 9A4B9C

 FFD2FF

 7F3182

 FFE0FF

 641668

 4B0050

 320039

 190023

 000008

 000000

 D27FD3

 D27FD3

 D26AD3

 D294D3

 D155D3

 D3A9D3

 D140D3

 D3BED3

 D12BD3

 D3D3D3

 D116D3

 D3E9D3

 D000D3

 D4FED3

 D4FFD3

# Harmonies

## Analogous

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



9593F3



D27FD3



F173A5

# Triad

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



D27FD3



BD9838



00B4C6

# Complementary

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



D27FD3



80D37F

# 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.



00B495



D27FD3



8EA741

# Square

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



D27FD3



E1864D



50B065



00AFEC

# Rectangle

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



D27FD3



F67384



50B065



00B5B6

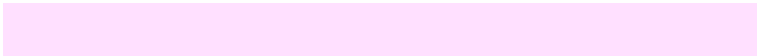


# Sweetspot

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



D27FD3



FFE0FF



7F80D3



7F6E80



000000



808080



# Same Dimension

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



D27FD3



FE85FF



D37FAA



685E69



A600A8



280029



# Inverse Universe

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



D37F80



FF8586



7FD3A8



695E5E



A80002



290000



# Previews

## White Background



This preview shows how the Hex color D27FD3 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

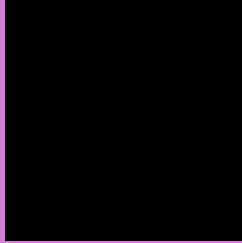
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D27FD3 Background



This preview shows how black text looks on a background with the Hex color D27FD3.

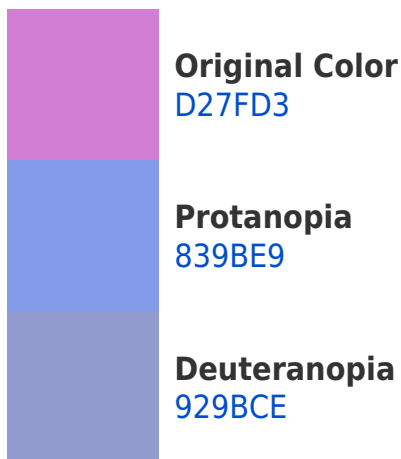


This preview shows how white text looks on a background with the Hex color D27FD3.

# 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





# Trichromacy



**Original Color**  
D27FD3



**Protanomaly**  
A091E1



**Deuteranomaly**  
A991D0

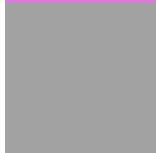


**Tritanomaly**  
CD87AD

# Monochromacy



**Original Color**  
D27FD3



**Achromatopsia**  
A1A1A1



**Achromatomaly**  
B395B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D27FD3 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 #D27FD3 looks like.

```
.text, #text, p{  
    color:#D27FD3  
}
```

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 #D27FD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D27FD3  
}
```

## Border

The CSS property to change the border of an element to Hex D27FD3 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  
#D27FD3 }
```

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

```
.border{ border-color:#D27FD3 }
```

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

Here you see how a box with a 4 pixel #D27FD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D27FD3; -webkit-box-shadow:4px 4px  
4px 4px #D27FD3; box-shadow:4px 4px 4px  
4px #D27FD3 }
```

# Background

The CSS property to change the background color of an element to Hex D27FD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D27FD3 }
```

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

```
.background{ background-color:#D27FD3 }
```

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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