

# Converting Colors

Hex(D27ED8)

Have a look what the booklet for  
Hex(D27ED8) contains.

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# Color

Hex(D27ED8)

# Conversions

## Conversions Part 1

Format	Color
Hex	D27ED8
RGB	210, 126, 216
RGB Percent	82%, 49%, 85%
CMY	0.1765, 0.5059, 0.1529
CMYK	0.03, 0.42, 0.00, 0.15
HSL	296°, 54%, 67%
HSV	296°, 42%, 85%
XYZ	46.4339, 33.5812, 69.0002
YIQ	161.3760, 21.1740, 45.7980

# Conversions

## Conversions Part 2

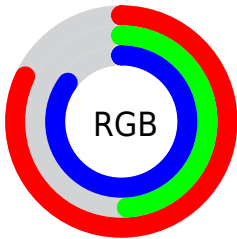
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">210, 126, 216</a>
Decimal	<a href="#">13795032</a>
CIELab	<a href="#">64.63, 46.26, -32.77</a>
CIELCh	<a href="#">65, 56.689, 324.682</a>
Yxy	<a href="#">33.5812, 0.3116, 0.2254</a>
Android (android.graphics.Color)	<a href="#">4291985112 (0xFFD27ED8)</a>
YUV	<a href="#">161.3760, 26.9296, 42.6432</a>
Hunter-Lab	<a href="#">57.9493, 41.6180, -30.0321</a>

# Details

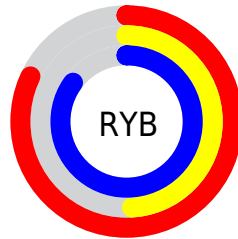
The Hex color **D27ED8** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **84D87E**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB5FF**, and **9A4AA1** is the 20% darker color. If you saturate the color by 10%, you get **D168D8**, and if you desaturate by 10%, it is **D394D8**.

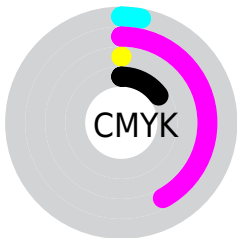
# Distribution



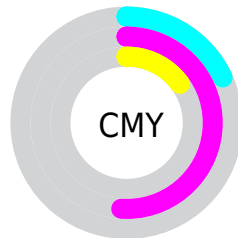
- Red (82%)
- Green (49%)
- Blue (85%)



- Red (82%)
- Yellow (49%)
- Blue (85%)



- Cyan (3%)
- Magenta (42%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (51%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D27ED8 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 D27ED8 by changing the saturation by 10% instead.



 D27ED8

FFFFFF

 FFB5FF

 FFD1FF

 FFEEFF

 D27ED8

 B664BC

 9A4AA1

 7F3086

 64146D

 4A0054

 32003C

 180026

 00010F

 000000

 D27ED8

 D27ED8

 D168D8

 D394D8

 CF53D8

 D5A9D8

 CE3DD8

 D6BFD8

 CC28D8

 D8D4D8

 CB12D8

 D9EAD8

 CA00D8

 DBFFD8

 DCFFD8

 DEFFD8

 DFFFD8

# Harmonies

## Analogous

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



8F93F9



D27ED8



F470A8

# Triad

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



D27ED8



C09731



00B5C6

# Complementary

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



D27ED8



84D87E

# 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.



00B592



D27ED8



8FA63A

# Square

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



D27ED8



E5844B



4EB05F



00B0EF

# Rectangle

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



D27ED8



FA7086



4EB05F



00B6B5



# Sweetspot

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



D27ED8



FDDEFF



7E84D8



7E6B80



000000



808080



# Same Dimension

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



D27ED8



F780FF



D87EB1



6A606B



9F00AB



28002B



# Inverse Universe

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



D87E84



FF8088



7ED8A5



6B6061



AB000B



2B0003



# Previews

## White Background



This preview shows how the Hex color D27ED8 looks on a white background.

## Color Contrast Check

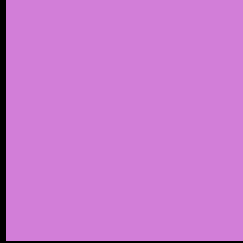
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D27ED8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

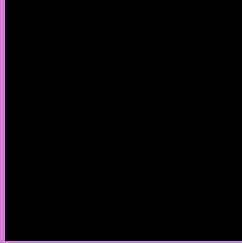
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D27ED8 Background



This preview shows how black text looks on a background with the Hex color D27ED8.

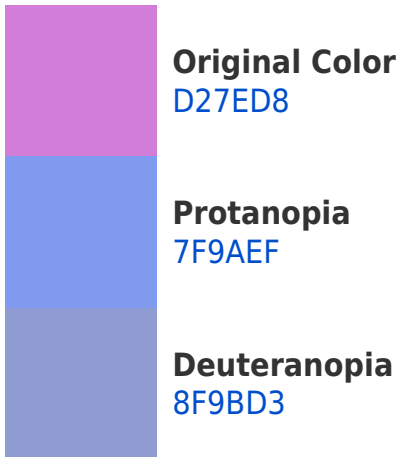


This preview shows how white text looks on a background with the Hex color D27ED8.

# 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](#).

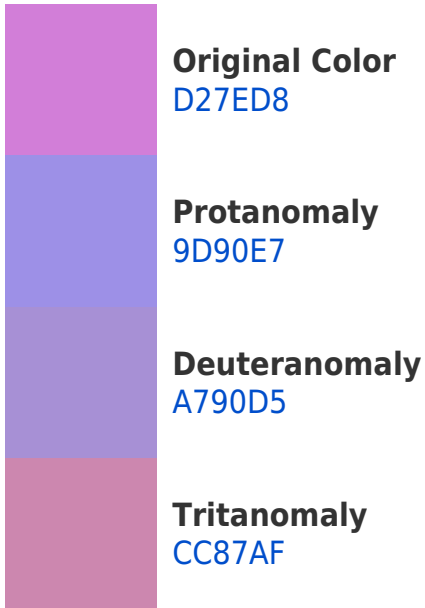
## Dichromacy



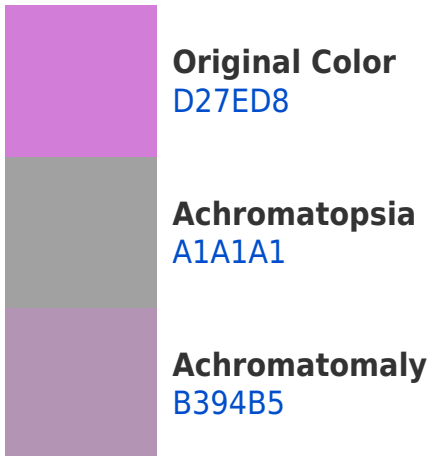


**Tritanopia**  
C98C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D27ED8 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 #D27ED8 looks like.

```
.text, #text, p{  
    color:#D27ED8  
}
```

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 #D27ED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D27ED8
}
```

## Border

The CSS property to change the border of an element to Hex D27ED8 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
#D27ED8 }
```

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

```
.border{ border-color:#D27ED8 }
```

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

Here you see how a box with a 4 pixel #D27ED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D27ED8; -webkit-box-shadow:4px 4px  
4px 4px #D27ED8; box-shadow:4px 4px 4px  
4px #D27ED8 }
```

# Background

The CSS property to change the background color of an element to Hex D27ED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D27ED8 }
```

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

```
.background{ background-color:#D27ED8 }
```

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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