

Converting Colors

Hex(D27BD2)

Have a look what the booklet for
Hex(D27BD2) contains.

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Color

Hex(D27BD2)

Conversions

Conversions Part 1

Format	Color
Hex	D27BD2
RGB	210, 123, 210
RGB Percent	82%, 48%, 82%
CMY	0.1765, 0.5176, 0.1765
CMYK	0.00, 0.41, 0.00, 0.18
HSL	300°, 49%, 65%
HSV	300°, 41%, 82%
XYZ	45.2942, 32.5207, 64.8626
YIQ	158.9310, 23.9250, 45.5010

Conversions

Conversions Part 2

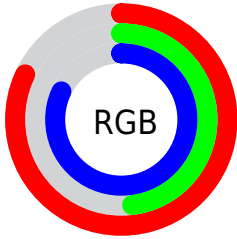
Format	Color
RYB	210, 123, 210
Decimal	13794258
CIELab	63.77, 46.70, -30.75
CIELCh	64, 55.917, 326.642
Yxy	32.5207, 0.3175, 0.2279
Android (android.graphics.Color)	4291984338 (0xFFD27BD2)
YUV	158.9310, 25.1770, 44.7875
Hunter-Lab	57.0269, 41.9782, -27.5178

Details

The Hex color **D27BD2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7BD27B**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFB1FF**, and **9A479B** is the 20% darker color. If you saturate the color by 10%, you get **D266D2**, and if you desaturate by 10%, it is **D290D2**.

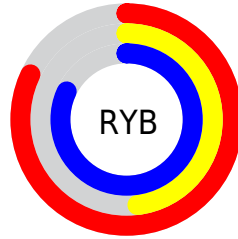
Distribution



Red (82%)

Green (48%)

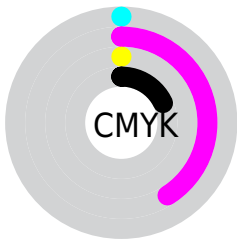
Blue (82%)



Red (82%)

Yellow (48%)

Blue (82%)

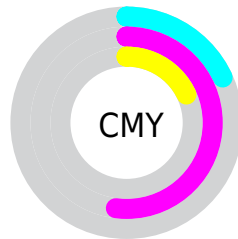


Cyan (0%)

Magenta (41%)

Yellow (0%)

Black (18%)



Cyan (18%)

Magenta (52%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color D27BD2 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 D27BD2 by changing the saturation by 10% instead.

 D27BD2

 D27BD2

FFFFFF

 B661B6

 FFB1FF

 9A479B

 FFCEFF

 7E2D81

 FFEAFF

 640F68

 4A004F

 320038

 170022

 000007

 000000

 D27BD2

 D27BD2

 D266D2

 D290D2

 D251D2

 D2A5D2

 D23CD2

 D2BAD2

 D227D2

 D2CFD2

 D212D2

 D2E4D2

 D200D2

 D2F9D2

 D2FFD2

Harmonies

Analogous

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



9390F4



D27BD2



F16EA2

Triad

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



D27BD2



BA9630



00B2C6

Complementary

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



D27BD2



7BD27B

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.



00B293



D27BD2



8AA53B

Square

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



D27BD2



E08347



47AE61



00ADED

Rectangle

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



D27BD2



F66F81



47AE61



00B3B5

Sweetspot

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



D27BD2



FFE0FF



7B7BD2



806E80



000000



808080

Same Dimension

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



D27BD2



FF80FF



D27BA7



695E69



A800A8



290029

Inverse Universe

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



D27BD2



FF80FF



7BD2A7



695E69



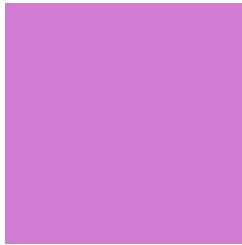
A800A8



290029

Previews

White Background



This preview shows how the Hex color D27BD2 looks on a white background.

Color Contrast Check

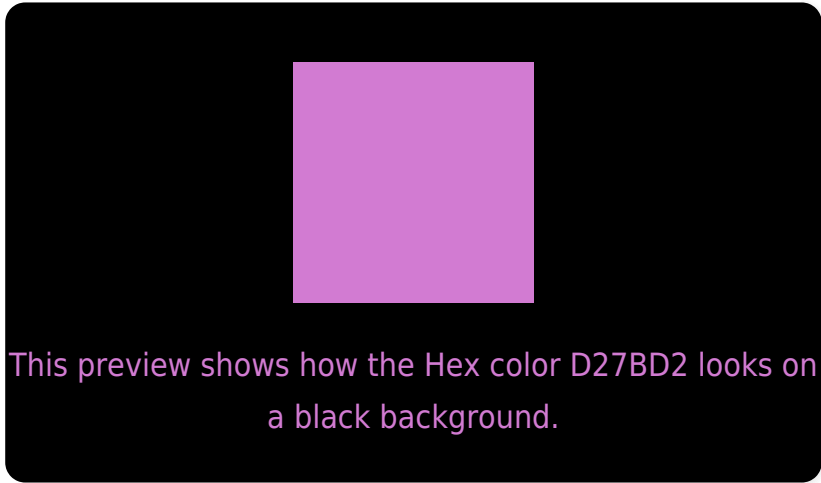
Large Text (above 18pt) WCAG AA × Fail

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

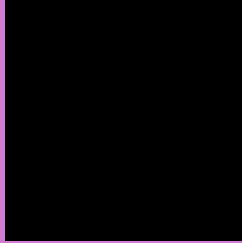
Any Text WCAG AA ✓ Pass

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 D27BD2 Background



This preview shows how black text looks on a background with the Hex color D27BD2.

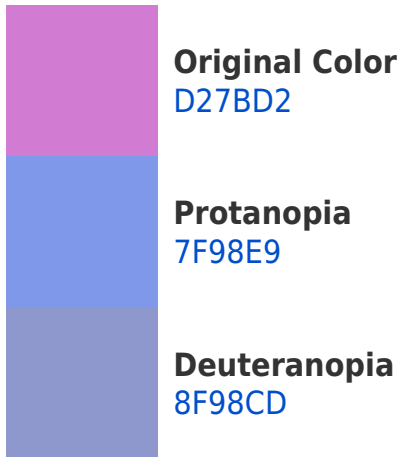



This preview shows how white text looks on a background with the Hex color D27BD2.

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](#).

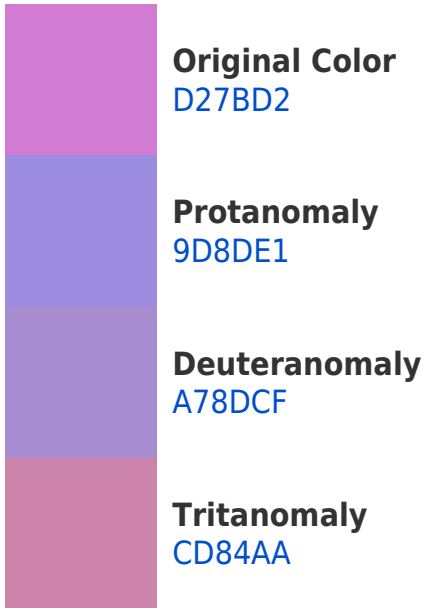
Dichromacy





Tritanopia
CA8993

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D27BD2 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 #D27BD2 looks like.

```
.text, #text, p{  
    color:#D27BD2  
}
```

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 #D27BD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D27BD2
}
```

Border

The CSS property to change the border of an element to Hex D27BD2 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
#D27BD2 }
```

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

```
.border{ border-color:#D27BD2 }
```

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

Here you see how a box with a 4 pixel #D27BD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D27BD2; -webkit-box-shadow:4px 4px  
4px 4px #D27BD2; box-shadow:4px 4px 4px  
4px #D27BD2 }
```

Background

The CSS property to change the background color of an element to Hex D27BD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D27BD2 }
```

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

```
.background{ background-color:#D27BD2 }
```

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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