

# Converting Colors

Hex(D28BE7)

Have a look what the booklet for  
Hex(D28BE7) contains.

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# Color

**Hex(D28BE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D28BE7
RGB	210, 139, 231
RGB Percent	82%, 55%, 91%
CMY	0.1765, 0.4549, 0.0941
CMYK	0.09, 0.40, 0.00, 0.09
HSL	286°, 66%, 73%
HSV	286°, 40%, 91%
XYZ	50.2348, 37.9364, 80.2761
YIQ	170.7170, 12.7840, 43.6640

# Conversions

## Conversions Part 2

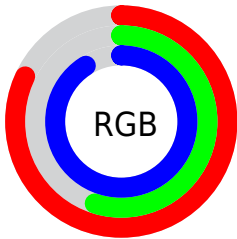
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 139, 231
Decimal	13798375
CIE Lab	67.97, 42.30, -35.90
CIE LCh	68, 55.480, 319.684
Yxy	37.9364, 0.2982, 0.2252
Android (android.graphics.Color)	4291988455 (0xFFD28BE7)
YUV	170.7170, 29.7195, 34.4512
Hunter-Lab	61.5925, 37.7974, -34.1603

# Details

The Hex color **D28BE7** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A0E78B**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFC2FF**, and **9A57AF** is the 20% darker color. If you saturate the color by 10%, you get **CD74E7**, and if you desaturate by 10%, it is **D7A2E7**.

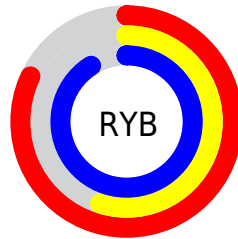
# Distribution



Red (82%)

Green (55%)

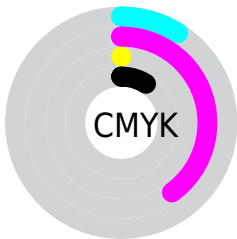
Blue (91%)



Red (82%)

Yellow (55%)

Blue (91%)

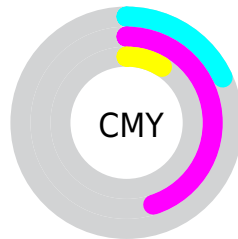


Cyan (9%)

Magenta (40%)

Yellow (0%)

Black (9%)



Cyan (18%)

Magenta (45%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D28BE7 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 D28BE7 by changing the saturation by 10% instead.



 D28BE7

 D28BE7

FFFFFF

 B671CB

 FFC2FF

 9A57AF

 FFDEFF

 7F3E94

 FFFBFF

 64257A

 4B0861

 310049

 1C0032

 00011B

 000000

 D28BE7

 D28BE7

 CD74E7

 D7A2E7

 C75DE7

 DDB9E7

 C246E7

 E2D0E7

 BD2FE7

 E7E7E7

 B817E7

 ECFEE7

 B200E7

 F2FFE7

 F7FFE7

 FCFFE7

 FFFFE7

# Harmonies

## Analogous

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



8B9FFF



D28BE7



F97CB9

# Triad

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



D28BE7



D19D3F



00BEC6

# Complementary

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



D28BE7



A0E78B

# 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.



00BD92



D28BE7



A2AD42

# Square

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



D28BE7



F38A5B



66B862



00BAF1

# Rectangle

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



D28BE7



FF7997



66B862



00BFB5



# Sweetspot

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



D28BE7



F8E0FF



8BA0E7



7B6E80



000000



808080



# Same Dimension

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



D28BE7



E385FF



E78BCE



706773



8A00B3



270033



# Inverse Universe

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



E78BA0



FF85A1



8BE7A4



73676A



B30029

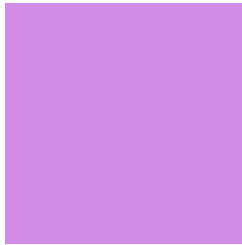


33000C



# Previews

## White Background



This preview shows how the Hex color D28BE7 looks on a white background.

## Color Contrast Check

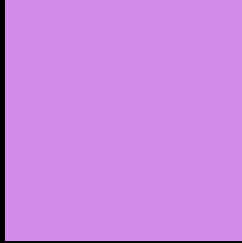
Large Text (above 18pt) WCAG AA × Fail

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 D28BE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

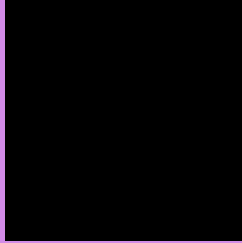
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D28BE7 Background



This preview shows how black text looks on a background with the Hex color D28BE7.



This preview shows how white text looks on a background with the Hex color D28BE7.

# 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](#).

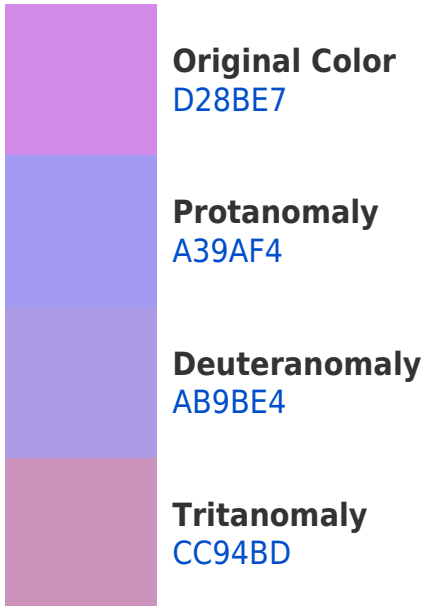
## Dichromacy



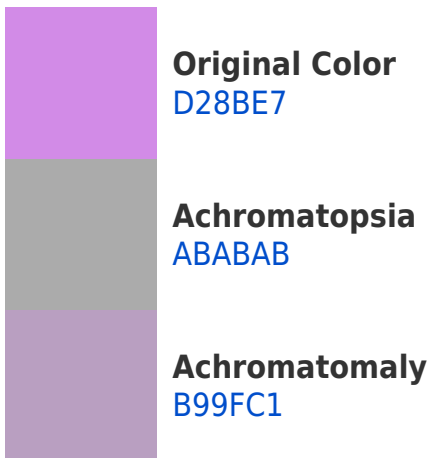


**Tritanopia**  
C899A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D28BE7 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 #D28BE7 looks like.

```
.text, #text, p{  
    color:#D28BE7  
}
```

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 #D28BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D28BE7
}
```

## Border

The CSS property to change the border of an element to Hex D28BE7 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
#D28BE7 }
```

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

```
.border{ border-color:#D28BE7 }
```

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

Here you see how a box with a 4 pixel #D28BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D28BE7; -webkit-box-shadow:4px 4px  
4px 4px #D28BE7; box-shadow:4px 4px 4px  
4px #D28BE7 }
```

# Background

The CSS property to change the background color of an element to Hex D28BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D28BE7 }
```

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

```
.background{ background-color:#D28BE7 }
```

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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