

Converting Colors

Hex(D28BEB)

Have a look what the booklet for
Hex(D28BEB) contains.

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Color

Hex(D28BEB)

Conversions

Conversions Part 1

Format	Color
Hex	D28BEB
RGB	210, 139, 235
RGB Percent	82%, 55%, 92%
CMY	0.1765, 0.4549, 0.0784
CMYK	0.11, 0.41, 0.00, 0.08
HSL	284°, 71%, 73%
HSV	284°, 41%, 92%
XYZ	50.8064, 38.1650, 83.2861
YIQ	171.1730, 11.5000, 44.9080

Conversions

Conversions Part 2

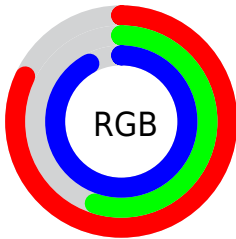
Format	Color
R _Y B	210, 139, 235
Decimal	13798379
CIE Lab	68.14, 43.10, -37.84
CIE LCh	68, 57.354, 318.724
Yxy	38.1650, 0.2949, 0.2216
Android (android.graphics.Color)	4291988459 (0xFFD28BEB)
YUV	171.1730, 31.4667, 34.0513
Hunter-Lab	61.7779, 38.6879, -36.6876

Details

The Hex color **D28BEB** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A4EB8B**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFC2FF**, and **9A57B3** is the 20% darker color. If you saturate the color by 10%, you get **CC73EB**, and if you desaturate by 10%, it is **D8A3EB**.

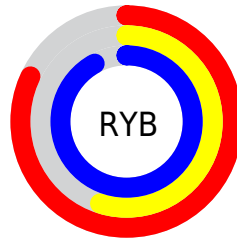
Distribution



Red (82%)

Green (55%)

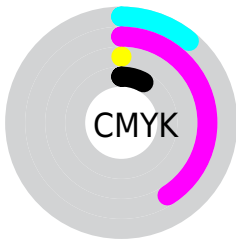
Blue (92%)



Red (82%)

Yellow (55%)

Blue (92%)

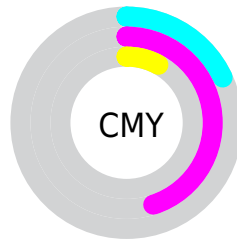


Cyan (11%)

Magenta (41%)

Yellow (0%)

Black (8%)



Cyan (18%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color D28BEB 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 D28BEB by changing the saturation by 10% instead.

 D28BEB

 D28BEB

FFFFFF

 B671CF

 FFC2FF

 9A57B3

 FFDEFF

 7F3E98

 FFFBFF

 64257E

 4A0764

 31004C

 1C0035

 00021E

 000000

 D28BEB

 D28BEB

 CC73EB

 D8A3EB

 C65CEB

 DEBAEB

 C045EB

 E4D2EB

 BA2DEB

 EAE9EB

 B315EB

 F1FFEB

 AE00EB

 F7FFEB

 FDF FEB

 FFF FEB

Harmonies

Analogous

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



86A0FF



D28BEB



FB7ABC

Triad

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



D28BEB



D39C3C



00C0C6

Complementary

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



D28BEB



A4EB8B

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.



00BE90



D28BEB



A3AD3D

Square

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



D28BEB



F6895A



66B95F



00BCF3

Rectangle

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



D28BEB



FF7899



66B95F



00C0B4

Sweetspot

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



D28BEB



F7E0FF



8BA5EB



7B6E80



000000



808080

Same Dimension

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



D28BEB



DE82FF



EB8BD5



726A75



8600B5



280036

Inverse Universe

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



EB8BA4



FF82A3



8BEBA1



756A6D



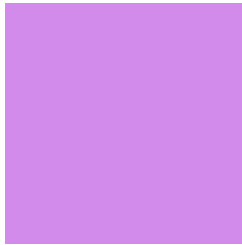
B5002F



36000E

Previews

White Background



This preview shows how the Hex color D28BEB looks on a white background.

Color Contrast Check

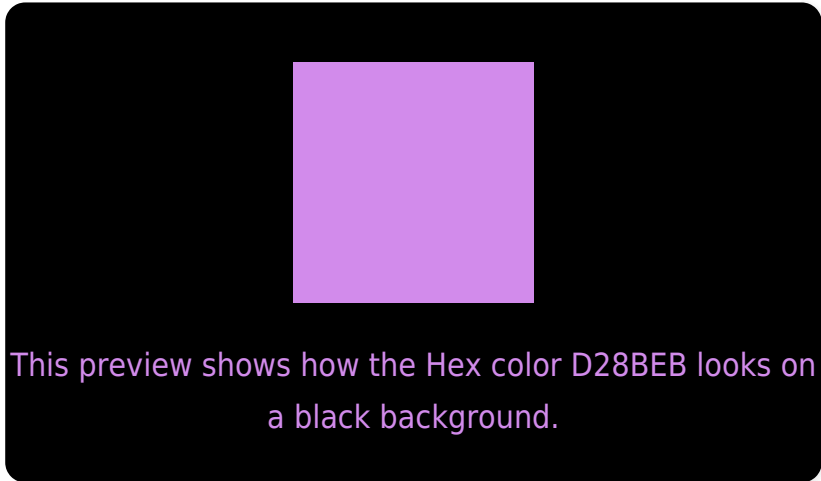
Large Text (above 18pt) WCAG AA × Fail

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

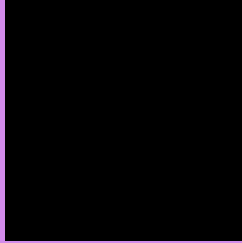
Any Text WCAG AA ✓ Pass

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 D28BEB Background



This preview shows how black text looks on a background with the Hex color D28BEB.

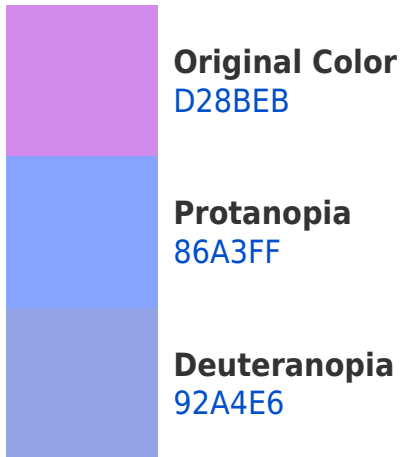


This preview shows how white text looks on a background with the Hex color D28BEB.

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
C89AA6

Trichromacy



Original Color
D28BEB



Protanomaly
A29AF8



Deuteranomaly
A99BE8

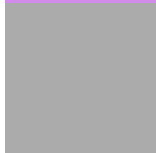


Tritanomaly
CC95BF

Monochromacy



Original Color
D28BEB



Achromatopsia
ABABAB



Achromatomaly
B99FC2

CSS Examples

Text

The CSS property to change the color of the text to Hex D28BEB 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 #D28BEB looks like.

```
.text, #text, p{  
    color:#D28BEB  
}
```

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 #D28BEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D28BEB
}
```

Border

The CSS property to change the border of an element to Hex D28BEB is called "border". The border property can be set on classes, ids or directly on the HTML element.

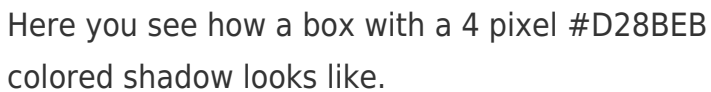
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D28BEB }
```

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

```
.border{ border-color:#D28BEB }
```

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



Here you see how a box with a 4 pixel #D28BEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D28BEB; -webkit-box-shadow:4px 4px  
4px 4px #D28BEB; box-shadow:4px 4px 4px  
4px #D28BEB }
```

Background

The CSS property to change the background color of an element to Hex D28BEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D28BEB }
```

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

```
.background{ background-color:#D28BEB }
```

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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