

Converting Colors

Hex(D2A7E8)

Have a look what the booklet for
Hex(D2A7E8) contains.

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Color

Hex(D2A7E8)

Conversions

Conversions Part 1

Format	Color
Hex	D2A7E8
RGB	210, 167, 232
RGB Percent	82%, 65%, 91%
CMY	0.1765, 0.3451, 0.0902
CMYK	0.09, 0.28, 0.00, 0.09
HSL	280°, 59%, 78%
HSV	280°, 28%, 91%
XYZ	54.9625, 47.1653, 82.5509
YIQ	187.2670, 4.7630, 29.3310

Conversions

Conversions Part 2

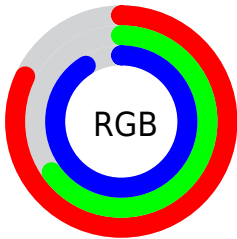
Format	Color
R _Y B	210, 167, 232
Decimal	13805544
CIE Lab	74.30, 27.36, -26.69
CIE LCh	74, 38.218, 315.711
Yxy	47.1653, 0.2976, 0.2554
Android (android.graphics.Color)	4291995624 (0xFFD2A7E8)
YUV	187.2670, 22.0534, 19.9368
Hunter-Lab	68.6770, 22.6698, -23.1937

Details

The Hex color **D2A7E8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BDE8A7**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFDEFF**, and **9B73B0** is the 20% darker color. If you saturate the color by 10%, you get **CA90E8**, and if you desaturate by 10%, it is **DABEE8**.

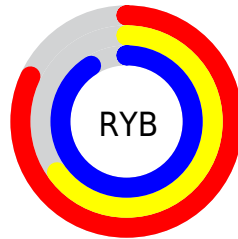
Distribution



Red (82%)

Green (65%)

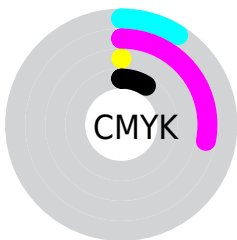
Blue (91%)



Red (82%)

Yellow (65%)

Blue (91%)

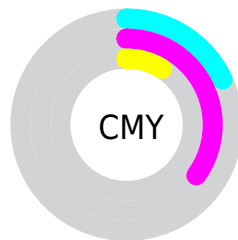


Cyan (9%)

Magenta (28%)

Yellow (0%)

Black (9%)



Cyan (18%)

Magenta (35%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2A7E8 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 D2A7E8 by changing the saturation by 10% instead.

 D2A7E8

FFFFFF

 FFDEFF

 FFFBFF

 D2A7E8

 B68CCC

 9B73B0

 805A95

 67427B

 4E2B62

 36144A

 200033

 00001E

 000000

 D2A7E8

 D2A7E8

 CA90E8

 DABEE8

 C279E8

 E2D5E8

 BA61E8

 EAEDE8

 B34AE8

 F1FFE8

 AB33E8

 F9FFE8

 A31CE8

 FFFFE8

 9B05E8

 9900E8

Harmonies

Analogous

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



A2B4FA



D2A7E8



F19EC9

Triad

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



D2A7E8



DDAF73



3ACAC8

Complementary

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



D2A7E8



BDE8A7

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.



68C8A4



D2A7E8



BCBA72

Square

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



D2A7E8



F4A386



94C384



33C7E8

Rectangle

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



D2A7E8



FA9BB1



94C384



49CABC

Sweetspot

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



D2A7E8



F8EBFF



A7BEE8



7B7380



000000



808080

Same Dimension

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



D2A7E8



E2A8FF



E8A7DE



6F6773



7600B3



220033

Inverse Universe

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



E8A7BD



FFA8C6



A7E8B1



73676B



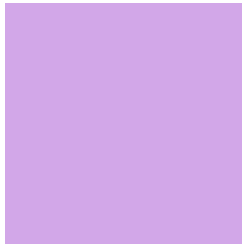
B3003C



330011

Previews

White Background



This preview shows how the Hex color D2A7E8 looks on a white background.

Color Contrast Check

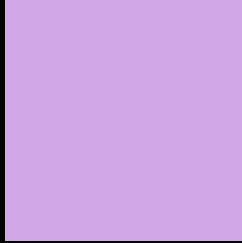
Large Text (above 18pt) WCAG AA × Fail

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 D2A7E8 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 D2A7E8 Background



This preview shows how black text looks on a background with the Hex color D2A7E8.

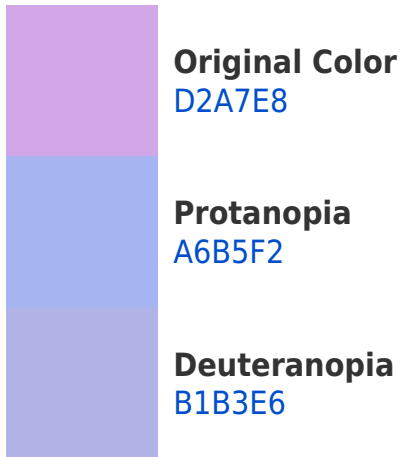


This preview shows how white text looks on a background with the Hex color D2A7E8.

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
D2A7E8



Protanomaly
B6B0EE



Deuteranomaly
BDAFE7



Tritanomaly
CEACCD

Monochromacy



Original Color
D2A7E8



Achromatopsia
BBBBBB



Achromatomaly
C3B4CB

CSS Examples

Text

The CSS property to change the color of the text to Hex D2A7E8 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 #D2A7E8 looks like.

```
.text, #text, p{  
    color:#D2A7E8  
}
```

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 #D2A7E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2A7E8
}
```

Border

The CSS property to change the border of an element to Hex D2A7E8 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
#D2A7E8 }
```

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

```
.border{ border-color:#D2A7E8 }
```

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

Here you see how a box with a 4 pixel #D2A7E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2A7E8; -webkit-box-shadow:4px 4px  
4px 4px #D2A7E8; box-shadow:4px 4px 4px  
4px #D2A7E8 }
```

Background

The CSS property to change the background color of an element to Hex D2A7E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2A7E8 }
```

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

```
.background{ background-color:#D2A7E8 }
```

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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