

# Converting Colors

Hex(D4ABE9)

Have a look what the booklet for  
Hex(D4ABE9) contains.

<b>Hex(D4ABE9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D4ABE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4ABE9
RGB	212, 171, 233
RGB Percent	83%, 67%, 91%
CMY	0.1686, 0.3294, 0.0863
CMYK	0.09, 0.27, 0.00, 0.09
HSL	280°, 58%, 79%
HSV	280°, 27%, 91%
XYZ	56.4223, 49.0061, 83.5761
YIQ	190.3270, 4.5340, 27.9740

# Conversions

## Conversions Part 2

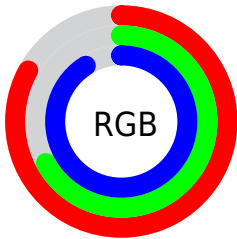
Format	Color
R <sub>Y</sub> B	212, 171, 233
Decimal	13937641
CIE Lab	75.46, 26.01, -25.44
CIE LCh	75, 36.386, 315.640
Yxy	49.0061, 0.2985, 0.2593
Android (android.graphics.Color)	4292127721 (0xFFD4ABE9)
YUV	190.3270, 21.0378, 19.0072
Hunter-Lab	70.0043, 21.3603, -21.7816

# Details

The Hex color **D4ABE9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C0E9AB**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFE3FF**, and **9D76B1** is the 20% darker color. If you saturate the color by 10%, you get **CC94E9**, and if you desaturate by 10%, it is **DCC2E9**.

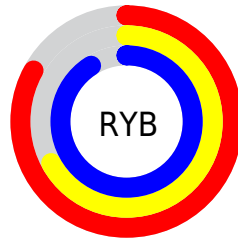
# Distribution



Red (83%)

Green (67%)

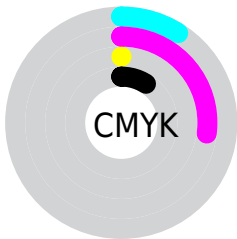
Blue (91%)



Red (83%)

Yellow (67%)

Blue (91%)

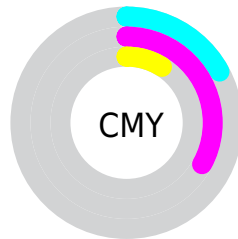


Cyan (9%)

Magenta (27%)

Yellow (0%)

Black (9%)



Cyan (17%)

Magenta (33%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4ABE9 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 D4ABE9 by changing the saturation by 10% instead.



 D4ABE9

FFFFFF

 FFE3FF

 D4ABE9

 B890CD

 9D76B1

 825D96

 68457C

 502E63

 38184B

 210134

 00001F

 000001

 D4ABE9

 D4ABE9

 CC94E9

 DCC2E9

 C47CE9

 E4DAE9

 BC65E9

 ECF1E9

 B44EE9

 F4FFE9

 AD36E9

 FBFFE9

 A51FE9

 FFFFE9

 9D08E9

 9A00E9

# Harmonies

## Analogous

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



A7B7FA



D4ABE9



F2A2CB

# Triad

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



D4ABE9



DFB279



4BCCCB

# Complementary

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



D4ABE9



C0E9AB

# 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.



70CBA8



D4ABE9



BFBD78

# Square

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



D4ABE9



F5A78B



99C68A



46C9E9

# Rectangle

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



D4ABE9



FBA0B5



99C68A



56CCBF



# Sweetspot

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



D4ABE9



F8EBFF



ABC1E9



7B7380



000000



808080



# Same Dimension

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



D4ABE9



E3ADFF



E9ABE0



716A75



7800B5



230036



# Inverse Universe

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



E9ABC0



FFADC9



ABE9B4



756A6E



B5003D

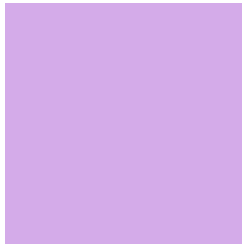


360012



# Previews

## White Background



This preview shows how the Hex color D4ABE9 looks on a white background.

## Color Contrast Check

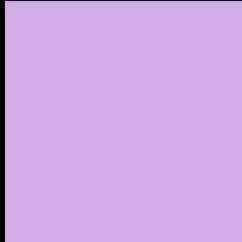
Large Text (above 18pt) WCAG AA × Fail

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 D4ABE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

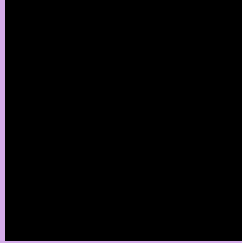
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D4ABE9 Background



This preview shows how black text looks on a background with the Hex color D4ABE9.

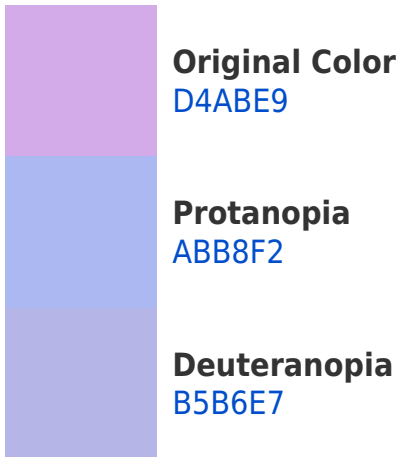


This preview shows how white text looks on a background with the Hex color D4ABE9.

# 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**  
CEB3C1

# Trichromacy



**Original Color**  
D4ABE9



**Protanomaly**  
BAB3EF



**Deuteranomaly**  
C0B2E8



**Tritanomaly**  
D0B0D0

# Monochromacy



**Original Color**  
D4ABE9



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
C6B7CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4ABE9 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 #D4ABE9 looks like.

```
.text, #text, p{  
    color:#D4ABE9  
}
```

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 #D4ABE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4ABE9
}
```

## Border

The CSS property to change the border of an element to Hex D4ABE9 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
#D4ABE9 }
```

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

```
.border{ border-color:#D4ABE9 }
```

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

Here you see how a box with a 4 pixel #D4ABE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4ABE9; -webkit-box-shadow:4px 4px  
4px 4px #D4ABE9; box-shadow:4px 4px 4px  
4px #D4ABE9 }
```

# Background

The CSS property to change the background color of an element to Hex D4ABE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4ABE9 }
```

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

```
.background{ background-color:#D4ABE9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor