

# Converting Colors

Hex(D6AAC6)

Have a look what the booklet for  
Hex(D6AAC6) contains.

<b>Hex(D6AAC6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D6AAC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6AAC6
RGB	214, 170, 198
RGB Percent	84%, 67%, 78%
CMY	0.1608, 0.3333, 0.2235
CMYK	0.00, 0.21, 0.07, 0.16
HSL	322°, 35%, 75%
HSV	322°, 21%, 84%
XYZ	52.2993, 47.1228, 59.7652
YIQ	186.3480, 17.2360, 18.0360

# Conversions

## Conversions Part 2

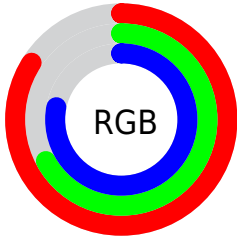
Format	Color
R <sub>Y</sub> B	214, 170, 198
Decimal	14068422
CIE Lab	74.27, 20.63, -8.12
CIE LCh	74, 22.175, 338.521
Yxy	47.1228, 0.3285, 0.2960
Android (android.graphics.Color)	4292258502 (0xFFD6AAC6)
YUV	186.3480, 5.7444, 24.2508
Hunter-Lab	68.6461, 15.8631, -3.5673

# Details

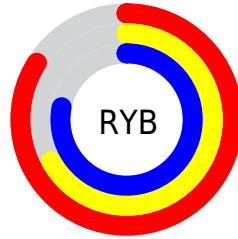
The Hex color **D6AAC6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AAD6BA**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFE1FF**, and **9F7690** is the 20% darker color. If you saturate the color by 10%, you get **D695BE**, and if you desaturate by 10%, it is **D6BFCE**.

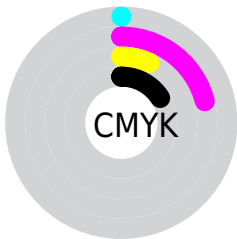
# Distribution



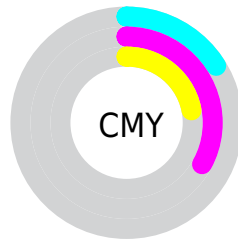
- Red (84%)
- Green (67%)
- Blue (78%)



- Red (84%)
- Yellow (67%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (33%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6AAC6 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 D6AAC6 by changing the saturation by 10% instead.



 D6AAC6

 D6AAC6

FFFFFF

 BA8FAB

 FFE1FF

 9F7690

FFFEFF

 845D77

 6B455E

 522E46

 3A1830

 25001B

 000000

 D6AAC6

 D6AAC6

 D695BE

 D6BFCE

 D67FB6

 D6D5D6

 D66AAF

 D6EADD

 D654A7

 D6FFE5

 D63F9F

 D6FFED

 D62A97

 D6FFF5

 D61490

 D6FFFC

 D60088

 D6FFFF

# Harmonies

## Analogous

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



C1AFD7



D6AAC6



E0A8B1

# Triad

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



D6AAC6



C0B78E



7FC1CF

# Complementary

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



D6AAC6



AAD6BA

# 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.



82C2BC



D6AAC6



A9BD96

# Square

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



D6AAC6



D3B091



93C1A7



8DBDDC

# Rectangle

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



D6AAC6



E0A9A4



93C1A7



7EC2C9



# Sweetspot

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



D6AAC6



FFF0F9



B9AAD6



80777C



000000



808080



# Same Dimension

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



D6AAC6



FFBFE8



D6AAB1



6B6067



AB006D



2B001C



# Inverse Universe

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



D6AAC6



FFBFE8



AAD6CF



6B6067



AB006D

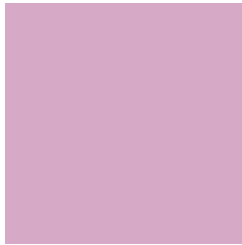


2B001C



# Previews

## White Background



This preview shows how the Hex color D6AAC6 looks on a white background.

## Color Contrast Check

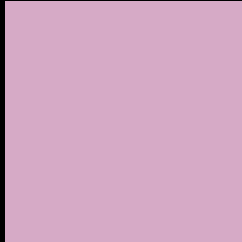
Large Text (above 18pt) WCAG AA × Fail

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 D6AAC6 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 D6AAC6 Background



This preview shows how black text looks on a background with the Hex color D6AAC6.

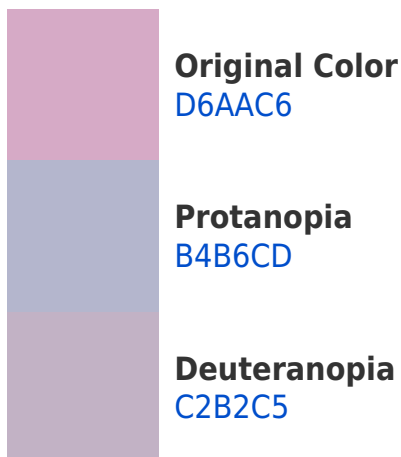


This preview shows how white text looks on a background with the Hex color D6AAC6.

# 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**  
D4ACBA

# Trichromacy



**Original Color**  
D6AAC6

**Protanomaly**  
C0B2CA

**Deuteranomaly**  
C9AFC5

**Tritanomaly**  
D5ABBE

# Monochromacy



**Original Color**  
D6AAC6

**Achromatopsia**  
BABABA

**Achromatomaly**  
C4B4BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6AAC6 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 #D6AAC6 looks like.

```
.text, #text, p{  
    color:#D6AAC6  
}
```

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 #D6AAC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6AAC6  
}
```

## Border

The CSS property to change the border of an element to Hex D6AAC6 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  
#D6AAC6 }
```

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

```
.border{ border-color:#D6AAC6 }
```

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

Here you see how a box with a 4 pixel #D6AAC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6AAC6; -webkit-box-shadow:4px 4px  
4px 4px #D6AAC6; box-shadow:4px 4px 4px  
4px #D6AAC6 }
```

# Background

The CSS property to change the background color of an element to Hex D6AAC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6AAC6 }
```

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

```
.background{ background-color:#D6AAC6 }
```

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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