

# Converting Colors

Hex(D0AAAA)

Have a look what the booklet for  
Hex(D0AAAA) contains.

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# **Color**

**Hex(D0AAAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0AAAA
RGB	208, 170, 170
RGB Percent	82%, 67%, 67%
CMY	0.1843, 0.3333, 0.3333
CMYK	0.00, 0.18, 0.18, 0.18
HSL	0°, 29%, 74%
HSV	0°, 18%, 82%
XYZ	47.6428, 45.0616, 44.2169
YIQ	181.3620, 22.6480, 8.0560

# Conversions

## Conversions Part 2

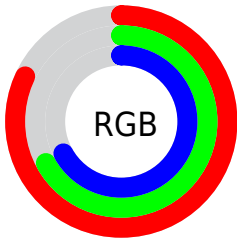
Format	Color
R <sub>Y</sub> B	208, 170, 170
Decimal	13675178
CIE Lab	72.93, 13.85, 5.23
CIE LCh	73, 14.806, 20.668
Yxy	45.0616, 0.3480, 0.3291
Android (android.graphics.Color)	4291865258 (0xFFD0AAAA)
YUV	181.3620, -5.6015, 23.3615
Hunter-Lab	67.1280, 9.2132, 7.9355

# Details

The Hex color **D0AAAA** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **AAD0D0**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFE1E1**, and **997676** is the 20% darker color. If you saturate the color by 10%, you get **D09595**, and if you desaturate by 10%, it is **D0BFBF**.

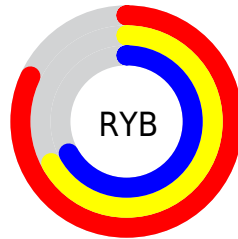
# Distribution



Red (82%)

Green (67%)

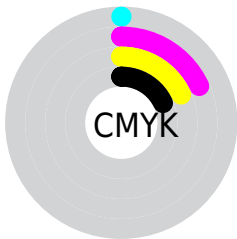
Blue (67%)



Red (82%)

Yellow (67%)

Blue (67%)

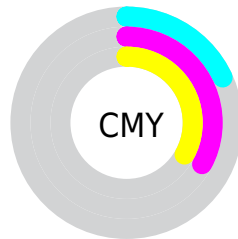


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (18%)



Cyan (18%)

Magenta (33%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0AAAA 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 D0AAAA by changing the saturation by 10% instead.





D0AAAA



D0AAAA

FFFFFF



B48F90



FFE1E1



997676



FFFEFE



7F5D5D



654546



4D2F2F



35191B



220000



000000



D0AAAA



D0AAAA

 D09595

 D0BFBF

 D08080

 D0D4D4

 D06C6C

 D0E8E8

 D05757

 D0FDFD

 D04242

 D0FFFF

 D02D2D

 D01818

 D00404

 D00000

# Harmonies

## Analogous

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



CCAAB8



D0AAAA



CCAC9F

# Triad

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



D0AAAA



A4B9A2



9FB5CD

# Complementary

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



D0AAAA



AAD0D0

# 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.



93B9C7



D0AAAA



97BBAE

# Square

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



D0AAAA



B4B59A



90BBBC



B0B1CC

# Rectangle

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



D0AAAA



C6AF9A



90BBBC



9AB7CC

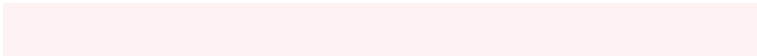


# Sweetspot

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



D0AAAA



FFF2F2



D0AAD0



807878



000000



808080



# Same Dimension

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



D0AAAA



FFC7C7



D0BDAA



695E5E



A80000



290000



# Inverse Universe

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



AAD0D0



C7FFFF



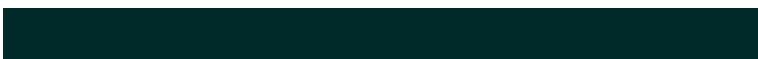
AABDD0



5E6969



00A8A8

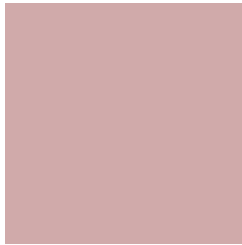


002929



# Previews

## White Background



This preview shows how the Hex color D0AAAA looks on a white background.

## Color Contrast Check

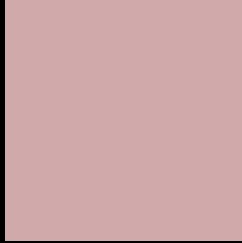
Large Text (above 18pt) WCAG AA × Fail

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 D0AAAA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

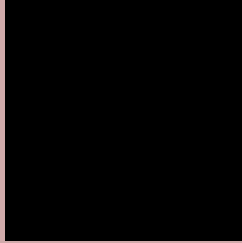
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D0AAAA Background



This preview shows how black text looks on a background with the Hex color D0AAAA.



This preview shows how white text looks on a background with the Hex color D0AAAA.

# 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



**Original Color**  
D0AAAA

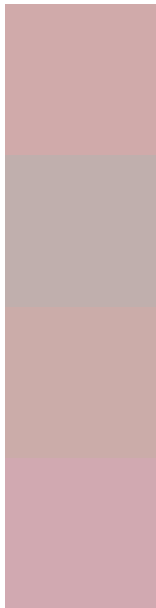
**Protanopia**  
B7B2AF

**Deuteranopia**  
C8ADA9



**Tritanopia**  
D1A8B5

# Trichromacy



**Original Color**

D0AAAA

**Protanomaly**

C0AFAD

**Deuteranomaly**

CBACA9

**Tritanomaly**

D1A9B1

# Monochromacy



**Original Color**

D0AAAA

**Achromatopsia**

B5B5B5

**Achromatomaly**

BFB1B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0AAAA 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 #D0AAAA looks like.

```
.text, #text, p{  
  color:#D0AAAA  
}
```

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 #D0AAAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0AAAA }  
}
```

## Border

The CSS property to change the border of an element to Hex D0AAAA 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 #D0AAAA }  
}
```

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

```
.border{ border-color:#D0AAAA }
```

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

Here you see how a box with a 4 pixel #D0AAAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0AAAA; -webkit-box-shadow:4px 4px  
4px 4px #D0AAAA; box-shadow:4px 4px 4px  
4px #D0AAAA }
```

# Background

The CSS property to change the background color of an element to Hex D0AAAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0AAAA }
```

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

```
.background{ background-color:#D0AAAA }
```

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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