

# Converting Colors

Hex(DAA6D8)

Have a look what the booklet for  
Hex(DAA6D8) contains.

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# **Color**

**Hex(DAA6D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAA6D8
RGB	218, 166, 216
RGB Percent	85%, 65%, 85%
CMY	0.1451, 0.3490, 0.1529
CMYK	0.00, 0.24, 0.01, 0.15
HSL	302°, 41%, 75%
HSV	302°, 24%, 85%
XYZ	54.9443, 47.1357, 71.1680
YIQ	187.2480, 14.9420, 26.5740

# Conversions

## Conversions Part 2

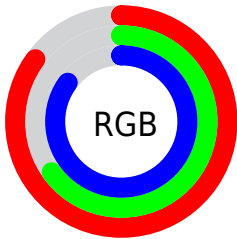
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 166, 216
Decimal	14329560
CIE <sub>Lab</sub>	74.28, 27.39, -17.92
CIE <sub>LCh</sub>	74, 32.734, 326.809
Yxy	47.1357, 0.3171, 0.2721
Android (android.graphics.Color)	4292519640 (0xFFDAA6D8)
YUV	187.2480, 14.1747, 26.9695
Hunter-Lab	68.6555, 22.7048, -13.4009

# Details

The Hex color **DAA6D8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A6DAA8**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFDDFF**, and **A272A1** is the 20% darker color. If you saturate the color by 10%, you get **DA90D7**, and if you desaturate by 10%, it is **DABCD9**.

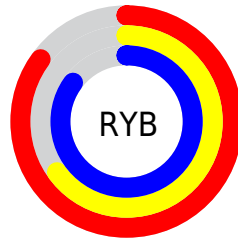
# Distribution



Red (85%)

Green (65%)

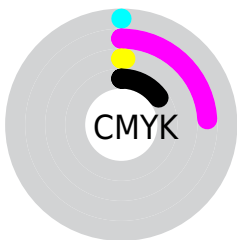
Blue (85%)



Red (85%)

Yellow (65%)

Blue (85%)

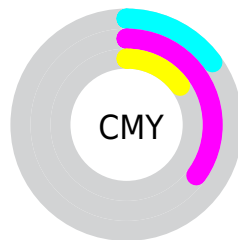


Cyan (0%)

Magenta (24%)

Yellow (1%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAA6D8 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 DAA6D8 by changing the saturation by 10% instead.



 DAA6D8

 DAA6D8

FFFFFF

 BE8BBC

 FFDDFF

 A272A1

 FFFAFF

 885987

 6E406D

 552955

 3D133E

 270028

 000012

 000000

 DAA6D8

 DAA6D8

 DA90D7

 DABCD9

 DA7AD6

 DAD2DA

 DA65D5

 DAE7DB

 DA4FD5

 DAFDDB

 DA39D4

 DAFFDC

 DA23D3

 DAFFDD

 DA0DD2

 DAFFDE

 DA00D2

 DAFFDF

 DAFFE0

# Harmonies

## Analogous

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



B6B0EC



DAA6D8



EFA0BB

# Triad

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



DAA6D8



CFB47B



54C7D1

# Complementary

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



DAA6D8



A6DAA8

# 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.



6AC7B2



DAA6D8



AFBD80

# Square

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



DAA6D8



E6A985



8DC495



61C2E8

# Rectangle

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



DAA6D8



F3A1A7



8DC495



58C7C7



# Sweetspot

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



DAA6D8



FFEDFE



A8A6DA



80757F



000000



808080



# Same Dimension

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



DAA6D8



FFB5FC



DAA6BE



6E636D



AD00A7



2E002C



# Inverse Universe

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



DAA6D8



FFB5FC



A6DAC2



6E636D



AD00A7

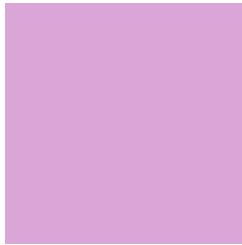


2E002C



# Previews

## White Background



This preview shows how the Hex color DAA6D8 looks on a white background.

## Color Contrast Check

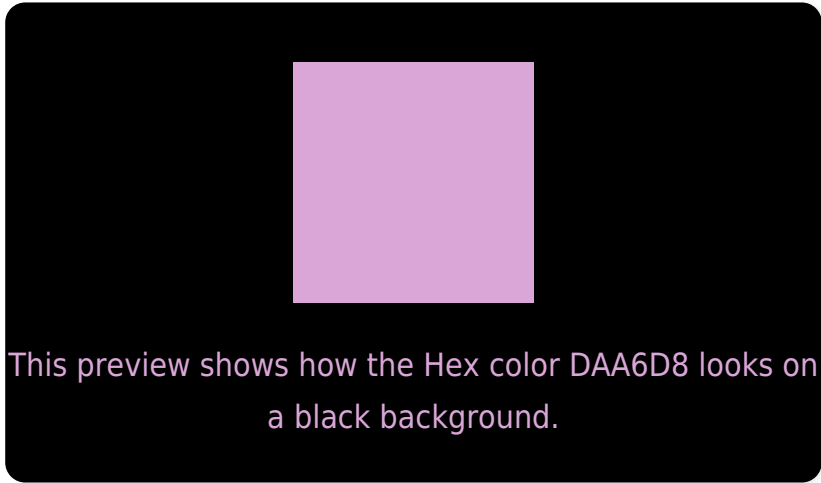
Large Text (above 18pt) WCAG AA × Fail

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 DAA6D8 Background



This preview shows how black text looks on a background with the Hex color DAA6D8.

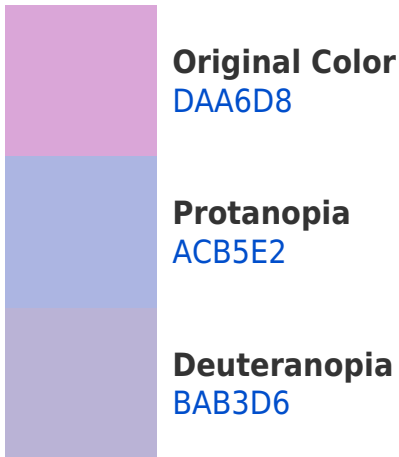


This preview shows how white text looks on a background with the Hex color DAA6D8.

# 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**  
D6ACB9

# Trichromacy



**Original Color**  
DAA6D8



**Protanomaly**  
BDB0DE



**Deuteranomaly**  
C6AED7



**Tritanomaly**  
D7AAC4

# Monochromacy



**Original Color**  
DAA6D8



**Achromatopsia**  
BBBBBB



**Achromatomaly**  
C6B3C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAA6D8 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 #DAA6D8 looks like.

```
.text, #text, p{  
    color:#DAA6D8  
}
```

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 #DAA6D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAA6D8  
}
```

## Border

The CSS property to change the border of an element to Hex DAA6D8 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  
#DAA6D8 }
```

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

```
.border{ border-color:#DAA6D8 }
```

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

Here you see how a box with a 4 pixel #DAA6D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAA6D8; -webkit-box-shadow:4px 4px  
4px 4px #DAA6D8; box-shadow:4px 4px 4px  
4px #DAA6D8 }
```

# Background

The CSS property to change the background color of an element to Hex DAA6D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAA6D8 }
```

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

```
.background{ background-color:#DAA6D8 }
```

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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