

# Converting Colors

Hex(D5AACD)

Have a look what the booklet for  
Hex(D5AACD) contains.

<b>Hex(D5AACD)</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(D5AACD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5AACD
RGB	213, 170, 205
RGB Percent	84%, 67%, 80%
CMY	0.1647, 0.3333, 0.1961
CMYK	0.00, 0.20, 0.04, 0.16
HSL	311°, 34%, 75%
HSV	311°, 20%, 84%
XYZ	52.8347, 47.3034, 64.1034
YIQ	186.8470, 14.3930, 20.0010

# Conversions

## Conversions Part 2

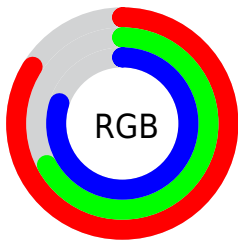
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	213, 170, 205
Decimal	14002893
CIE Lab	74.38, 21.53, -11.79
CIE LCh	74, 24.549, 331.295
Yxy	47.3034, 0.3217, 0.2880
Android (android.graphics.Color)	4292192973 (0xFFD5AACD)
YUV	186.8470, 8.9494, 22.9362
Hunter-Lab	68.7774, 16.7630, -7.1165

# Details

The Hex color **D5AACD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AAD5B2**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFE2FF**, and **9E7697** is the 20% darker color. If you saturate the color by 10%, you get **D595C9**, and if you desaturate by 10%, it is **D5BFD1**.

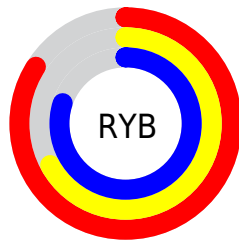
# Distribution



Red (84%)

Green (67%)

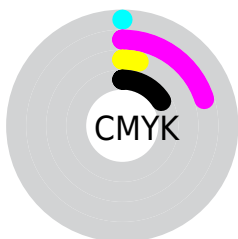
Blue (80%)



Red (84%)

Yellow (67%)

Blue (80%)

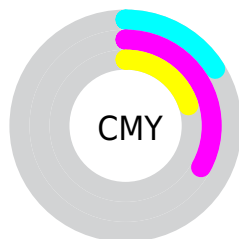


Cyan (0%)

Magenta (20%)

Yellow (4%)

Black (16%)



Cyan (16%)

Magenta (33%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5AACD 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 D5AACD by changing the saturation by 10% instead.



 D5AACD

 D5AACD

FFFFFF

 B98FB2

 FFE2FF

 9E7697

FFFEFF

 845D7D

 6A4564

 512E4C

 3A1835

 240020

 000005

 000000

 D5AACD

 D5AACD

 D595C9

 D5BFD1

 D57FC5

 D5D5D5

 D56AC1

 D5EAD9

 D555BD

 D5FFDD

 D53FB9

 D5FFE1

 D52AB5

 D5FFE5

 D515B1

 D5FFE9

 D500AD

 D5FFED

 D5FFF1

# Harmonies

## Analogous

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



BCB1DD



D5AACD



E3A7B7

# Triad

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



D5AACD



C7B68A



76C3CE

# Complementary

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



D5AACD



AAD5B2

# 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.



7FC4B7



D5AACD



AEBD90

# Square

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



D5AACD



DAAE90



95C2A1



82BFDE

# Rectangle

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



D5AACD



E5A7A8



95C2A1



77C4C6



# Sweetspot

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



D5AACD



FFF0FC



B2AAD5



80777E



000000



808080



# Same Dimension

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



D5AACD



FFC2F4



D5AAB8



6B6069



AB008B



2B0023



# Inverse Universe

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



D5AACD



FFC2F4



AAD5C7



6B6069



AB008B



2B0023



# Previews

## White Background



This preview shows how the Hex color D5AACD looks on a white background.

## Color Contrast Check

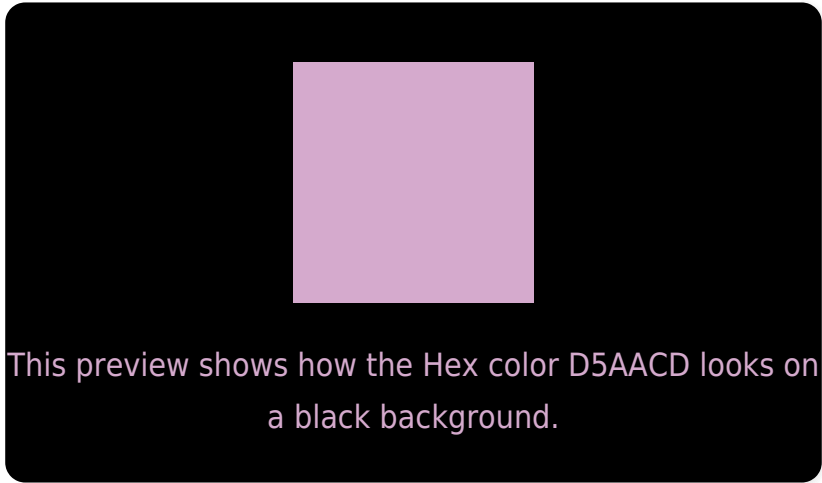
Large Text (above 18pt) WCAG AA × Fail

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

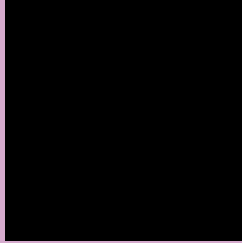
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D5AACD Background



This preview shows how black text looks on a background with the Hex color D5AACD.

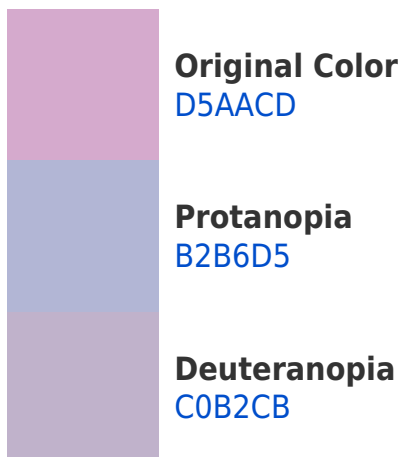


This preview shows how white text looks on a background with the Hex color D5AACD.

# 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](#).

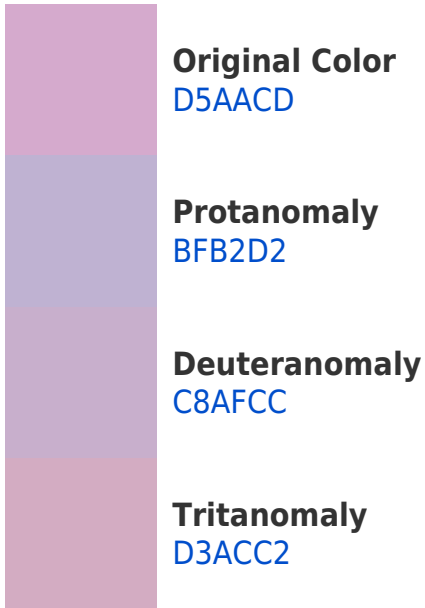
## Dichromacy



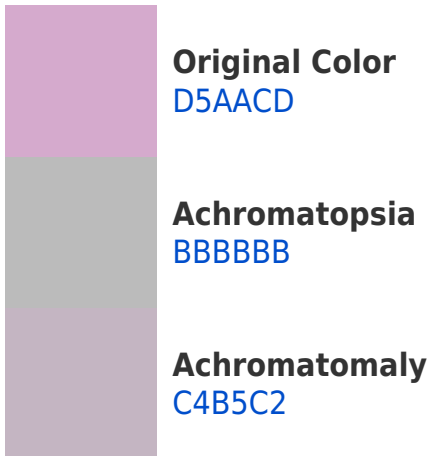


**Tritanopia**  
D2ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5AACD 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 #D5AACD looks like.

```
.text, #text, p{  
    color:#D5AACD  
}
```

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 #D5AACD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5AACD
}
```

## Border

The CSS property to change the border of an element to Hex D5AACD 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
#D5AACD }
```

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

```
.border{ border-color:#D5AACD }
```

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

Here you see how a box with a 4 pixel #D5AACD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5AACD; -webkit-box-shadow:4px 4px  
4px 4px #D5AACD; box-shadow:4px 4px 4px  
4px #D5AACD }
```

# Background

The CSS property to change the background color of an element to Hex D5AACD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5AACD }
```

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

```
.background{ background-color:#D5AACD }
```

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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