

# Converting Colors

Hex(C5AAD3)

Have a look what the booklet for  
Hex(C5AAD3) contains.

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# **Color**

**Hex(C5AAD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5AAD3
RGB	197, 170, 211
RGB Percent	77%, 67%, 83%
CMY	0.2275, 0.3333, 0.1725
CMYK	0.07, 0.19, 0.00, 0.17
HSL	280°, 32%, 75%
HSV	280°, 19%, 83%
XYZ	49.1586, 45.3229, 67.7853
YIQ	182.7470, 2.9310, 18.4750

# Conversions

## Conversions Part 2

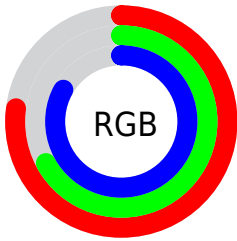
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 170, 211
Decimal	12954323
CIELab	73.10, 17.28, -17.15
CIELCh	73, 24.344, 315.224
Yxy	45.3229, 0.3029, 0.2793
Android (android.graphics.Color)	4291144403 (0xFFC5AAD3)
YUV	182.7470, 13.9287, 12.4999
Hunter-Lab	67.3223, 12.5262, -12.5721

# Details

The Hex color **C5AAD3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B8D3AA**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FEE1FF**, and **8F769C** is the 20% darker color. If you saturate the color by 10%, you get **BE95D3**, and if you desaturate by 10%, it is **CCBFD3**.

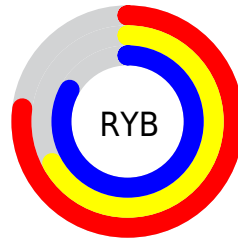
# Distribution



Red (77%)

Green (67%)

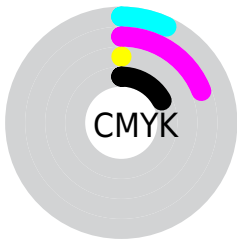
Blue (83%)



Red (77%)

Yellow (67%)

Blue (83%)

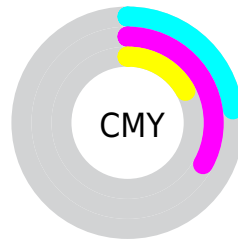


Cyan (7%)

Magenta (19%)

Yellow (0%)

Black (17%)



Cyan (23%)

Magenta (33%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5AAD3 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 C5AAD3 by changing the saturation by 10% instead.



 C5AAD3

 C5AAD3

FFFFFF

 AA8FB7

 FEE1FF

 8F769C

FFFEFF

 755D82

 5C4569

 442F51

 2D193A

 1A0024

 00010D

 000000

 C5AAD3

 C5AAD3

 BE95D3

 CCBFD3

 B780D3

 D3D4D3

 AF6BD3

 DBE9D3

 A856D3

 E2FED3

 A141D3

 E9FFD3

 9A2BD3

 F0FFD3

 9316D3

 F7FFD3

 8B01D3

 FFFF3D3

 8B00D3

# Harmonies

## Analogous

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



A8B2DE



C5AAD3



D9A5BF

# Triad

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



C5AAD3



CEAE89



76C0BE

# Complementary

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



C5AAD3



B8D3AA

# 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.



87BFA7



C5AAD3



B8B688

# Square

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



C5AAD3



DDA795



9FBC94



76BED2

# Rectangle

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



C5AAD3



E0A3B0



9FBC94



7AC0B7



# Sweetspot

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



C5AAD3



FAF0FF



AAB8D3



7C7780



000000



808080



# Same Dimension

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



C5AAD3



EBC4FF



D3AACD



655E69



6F00A8



1B0029



# Inverse Universe

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



D3AAB8



FFC4D8



AAD3B0



695E62



A80039

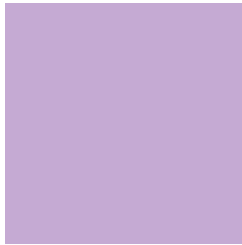


29000E



# Previews

## White Background



This preview shows how the Hex color C5AAD3 looks on a white background.

## Color Contrast Check

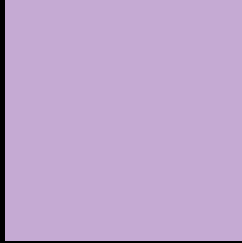
Large Text (above 18pt) WCAG AA × Fail

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 C5AAD3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

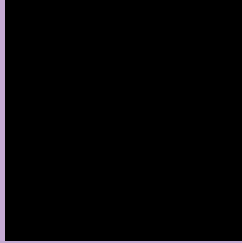
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5AAD3 Background



This preview shows how black text looks on a background with the Hex color C5AAD3.

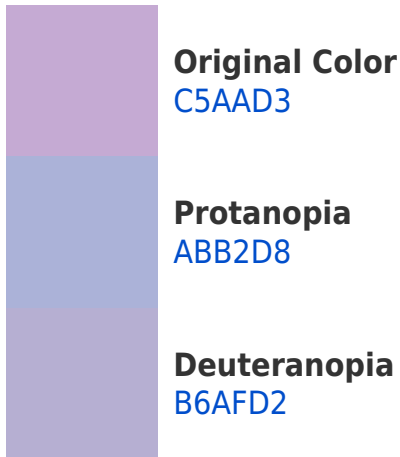


This preview shows how white text looks on a background with the Hex color C5AAD3.

# 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





# Trichromacy



**Original Color**  
C5AAD3

**Protanomaly**  
B4AFD6

**Deuteranomaly**  
BBADD2

**Tritanomaly**  
C2ADC4

# Monochromacy



**Original Color**  
C5AAD3

**Achromatopsia**  
B7B7B7

**Achromatomaly**  
BCB2C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5AAD3 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 #C5AAD3 looks like.

```
.text, #text, p{  
    color:#C5AAD3  
}
```

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 #C5AAD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5AAD3  
}
```

## Border

The CSS property to change the border of an element to Hex C5AAD3 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  
#C5AAD3 }
```

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

```
.border{ border-color:#C5AAD3 }
```

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

Here you see how a box with a 4 pixel #C5AAD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5AAD3; -webkit-box-shadow:4px 4px  
4px 4px #C5AAD3; box-shadow:4px 4px 4px  
4px #C5AAD3 }
```

# Background

The CSS property to change the background color of an element to Hex C5AAD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5AAD3 }
```

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

```
.background{ background-color:#C5AAD3 }
```

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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