

# Converting Colors

Hex(CAA5BD)

Have a look what the booklet for  
Hex(CAA5BD) contains.

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# **Color**

**Hex(CAA5BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CAA5BD
RGB	202, 165, 189
RGB Percent	79%, 65%, 74%
CMY	0.2078, 0.3529, 0.2588
CMYK	0.00, 0.18, 0.06, 0.21
HSL	321°, 26%, 72%
HSV	321°, 18%, 79%
XYZ	46.9976, 43.1409, 53.9941
YIQ	178.7990, 14.3480, 15.3080

# Conversions

## Conversions Part 2

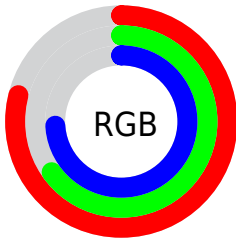
Format	Color
R <sub>Y</sub> B	202, 165, 189
Decimal	13280701
CIE Lab	71.65, 17.58, -7.18
CIE LCh	72, 18.988, 337.773
Yxy	43.1409, 0.3261, 0.2993
Android (android.graphics.Color)	4291470781 (0xFFCAA5BD)
YUV	178.7990, 5.0291, 20.3473
Hunter-Lab	65.6818, 12.7798, -2.7625

# Details

The Hex color **CAA5BD** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **A5CAB2**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFDCF5**, and **947188** is the 20% darker color. If you saturate the color by 10%, you get **CA91B6**, and if you desaturate by 10%, it is **CAB9C4**.

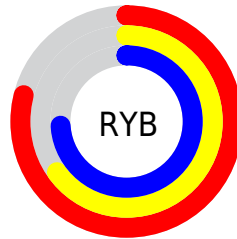
# Distribution



Red (79%)

Green (65%)

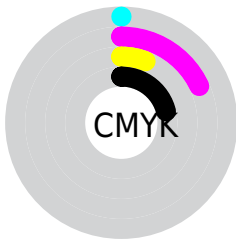
Blue (74%)



Red (79%)

Yellow (65%)

Blue (74%)

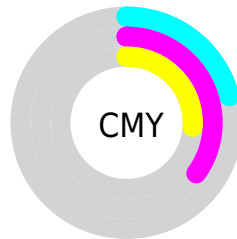


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (21%)



Cyan (21%)

Magenta (35%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAA5BD 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 CAA5BD by changing the saturation by 10% instead.





CAA5BD



CAA5BD

FFFFFF



AE8BA2



FFDCF5



947188



FFF9FF



7A586E



604156



482A3F



311529



1E0015



000000



CAA5BD



CAA5BD

CA91B6

CAB9C4

CA7DAF

CACDCB

CA68A8

CAE2D2

CA54A1

CAF6D9

CA409A

CAFFE0

CA2C92

CAFFE8

CA188B

CAFFE F

CA0384

CAFFF6

CA0083

CAFFFD

# Harmonies

## Analogous

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



B8AACB



CAA5BD



D3A3AC

# Triad

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



CAA5BD



B8B08D



81B8C4

# Complementary

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



CAA5BD



A5CAB2

# 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.



84BAB4



CAA5BD



A5B594

# Square

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



CAA5BD



C9AA90



92B8A2



8DB5CF

# Rectangle

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



CAA5BD



D4A4A0



92B8A2



81B9BF



# Sweetspot

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



CAA5BD



FFF2FB



B2A5CA



80787D



000000



808080



# Same Dimension

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



CAA5BD



FFC7EB



CAA5AB



665C62



A6006C



260019



# Inverse Universe

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



CAA5BD



FFC7EB



A5CAC4



665C62



A6006C



260019



# Previews

## White Background



This preview shows how the Hex color CAA5BD looks on a white background.

## Color Contrast Check

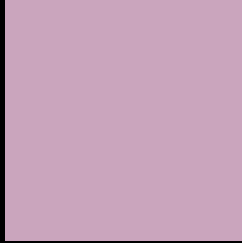
Large Text (above 18pt) WCAG AA × Fail

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 CAA5BD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

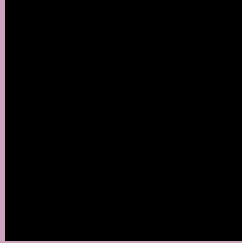
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CAA5BD Background



This preview shows how black text looks on a background with the Hex color CAA5BD.

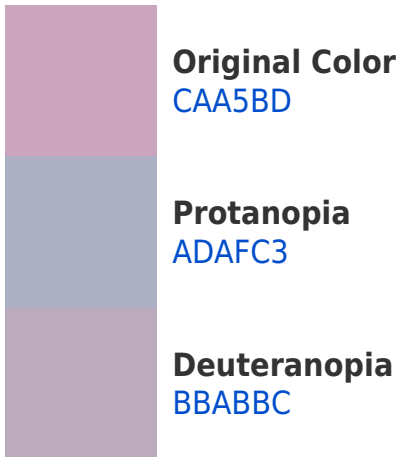


This preview shows how white text looks on a background with the Hex color CAA5BD.

# 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**  
C9A7B4

# Trichromacy



**Original Color**  
CAA5BD

**Protanomaly**  
B8ABC1

**Deuteranomaly**  
C0A9BC

**Tritanomaly**  
C9A6B7

# Monochromacy



**Original Color**  
CAA5BD

**Achromatopsia**  
B3B3B3

**Achromatomaly**  
BBAEB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAA5BD 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 #CAA5BD looks like.

```
.text, #text, p{  
    color:#CAA5BD  
}
```

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 #CAA5BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAA5BD
}
```

## Border

The CSS property to change the border of an element to Hex CAA5BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

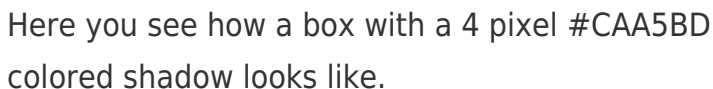
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CAA5BD }
```

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

```
.border{ border-color:#CAA5BD }
```

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

A rectangular box with a purple shadow. The box is white with a thin purple border. The shadow is a darker purple, offset to the bottom and right of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #CAA5BD colored shadow looks like."

Here you see how a box with a 4 pixel #CAA5BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAA5BD; -webkit-box-shadow:4px 4px  
4px 4px #CAA5BD; box-shadow:4px 4px 4px  
4px #CAA5BD }
```

# Background

The CSS property to change the background color of an element to Hex CAA5BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAA5BD }
```

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

```
.background{ background-color:#CAA5BD }
```

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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