

# Converting Colors

Hex(CAA4BE)

Have a look what the booklet for  
Hex(CAA4BE) contains.

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# **Color**

**Hex(CAA4BE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CAA4BE
RGB	202, 164, 190
RGB Percent	79%, 64%, 75%
CMY	0.2078, 0.3569, 0.2549
CMYK	0.00, 0.19, 0.06, 0.21
HSL	319°, 26%, 72%
HSV	319°, 19%, 79%
XYZ	46.9268, 42.8252, 54.5080
YIQ	178.3260, 14.3020, 16.1420

# Conversions

## Conversions Part 2

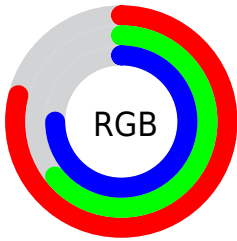
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 164, 190
Decimal	13280446
CIE Lab	71.44, 18.30, -8.05
CIE LCh	71, 19.996, 336.252
Yxy	42.8252, 0.3253, 0.2969
Android (android.graphics.Color)	4291470526 (0xFFCAA4BE)
YUV	178.3260, 5.7553, 20.7621
Hunter-Lab	65.4410, 13.4783, -3.5760

# Details

The Hex color **CAA4BE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A4CAB0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFDBF6**, and **947089** is the 20% darker color. If you saturate the color by 10%, you get **CA90B8**, and if you desaturate by 10%, it is **CAB8C4**.

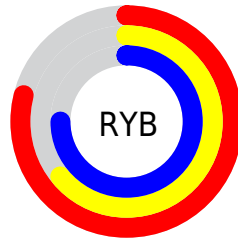
# Distribution



Red (79%)

Green (64%)

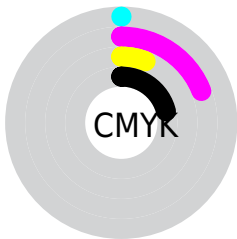
Blue (75%)



Red (79%)

Yellow (64%)

Blue (75%)

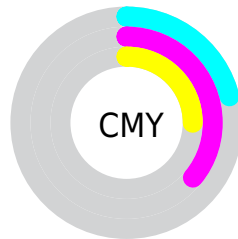


Cyan (0%)

Magenta (19%)

Yellow (6%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAA4BE 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 CAA4BE by changing the saturation by 10% instead.





CAA4BE



CAA4BE

FFFFFF



AE8AA3



FFDBF6



947089



FFF8FF



7A576F



604057



482940



31142A



1E0016



000000



CAA4BE



CAA4BE

CA90B8

CAB8C4

CA7CB1

CACCCB

CA67AB

CAE1D1

CA53A4

CAF5D8

CA3F9E

CAFFDE

CA2B98

CAFFE4

CA1791

CAFFEB

CA028B

CAFFF1

CA008A

CAFFF7

# Harmonies

## Analogous

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



B7A9CC



CAA4BE



D4A2AC

# Triad

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



CAA4BE



B9AF8B



7EB8C4

# Complementary

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



CAA4BE



A4CAB0

# 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.



81BAB2



CAA4BE



A5B491

# Square

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



CAA4BE



CAA98E



90B8A0



89B5D0

# Rectangle

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



CAA4BE



D5A3A0



90B8A0



7DB9BE



# Sweetspot

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



CAA4BE



FFF0FA



AFA4CA



80777D



000000



808080



# Same Dimension

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



CAA4BE



FFC4EC



CAA4AC



665C63



A60071



26001A



# Inverse Universe

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



CAA4BE



FFC4EC



A4CAC2



665C63



A60071

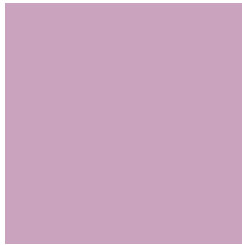


26001A



# Previews

## White Background



This preview shows how the Hex color CAA4BE looks on a white background.

## Color Contrast Check

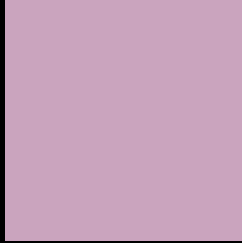
Large Text (above 18pt) WCAG AA × Fail

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 CAA4BE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

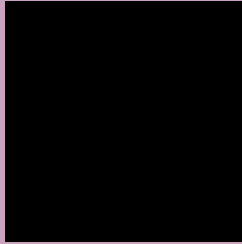
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CAA4BE Background



This preview shows how black text looks on a background with the Hex color CAA4BE.

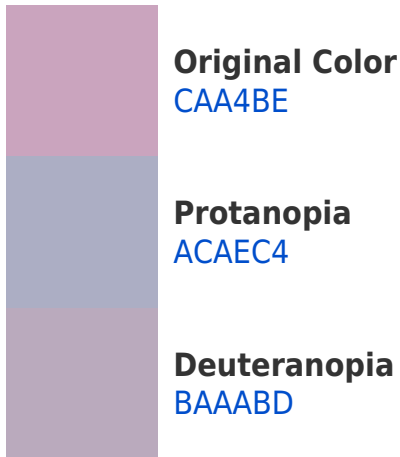


This preview shows how white text looks on a background with the Hex color CAA4BE.

# 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**  
C8A6B3

# Trichromacy



**Original Color**  
CAA4BE

**Protanomaly**  
B7AAC2

**Deuteranomaly**  
C0A8BD

**Tritanomaly**  
C9A5B7

# Monochromacy



**Original Color**  
CAA4BE

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
BBADB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAA4BE 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 #CAA4BE looks like.

```
.text, #text, p{  
    color:#CAA4BE  
}
```

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 #CAA4BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAA4BE
}
```

## Border

The CSS property to change the border of an element to Hex CAA4BE 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
#CAA4BE }
```

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

```
.border{ border-color:#CAA4BE }
```

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

Here you see how a box with a 4 pixel #CAA4BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAA4BE; -webkit-box-shadow:4px 4px  
4px 4px #CAA4BE; box-shadow:4px 4px 4px  
4px #CAA4BE }
```

# Background

The CSS property to change the background color of an element to Hex CAA4BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAA4BE }
```

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

```
.background{ background-color:#CAA4BE }
```

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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