

# Converting Colors

Hex(C3A7B1)

Have a look what the booklet for  
Hex(C3A7B1) contains.

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# **Color**

**Hex(C3A7B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3A7B1
RGB	195, 167, 177
RGB Percent	76%, 65%, 69%
CMY	0.2353, 0.3451, 0.3059
CMYK	0.00, 0.14, 0.09, 0.24
HSL	339°, 19%, 71%
HSV	339°, 14%, 76%
XYZ	44.2602, 42.4139, 47.4489
YIQ	176.5120, 13.4780, 9.0460

# Conversions

## Conversions Part 2

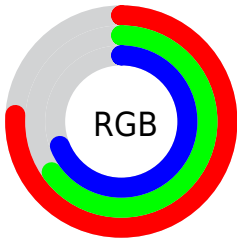
Format	Color
<a href="#">RYB</a>	<a href="#">195, 167, 177</a>
Decimal	<a href="#">12822449</a>
CIELab	<a href="#">71.16, 11.88, -1.36</a>
CIELCh	<a href="#">71, 11.959, 353.459</a>
Yxy	<a href="#">42.4139, 0.3300, 0.3162</a>
Android (android.graphics.Color)	<a href="#">4291012529</a> <a href="#">(0xFFC3A7B1)</a>
YUV	<a href="#">176.5120, 0.2406, 16.2140</a>
Hunter-Lab	<a href="#">65.1259, 7.3400, 2.3911</a>

# Details

The Hex color **C3A7B1** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **A7C3B9**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FCDEE9**, and **8D737C** is the 20% darker color. If you saturate the color by 10%, you get **C394A4**, and if you desaturate by 10%, it is **C3BBBE**.

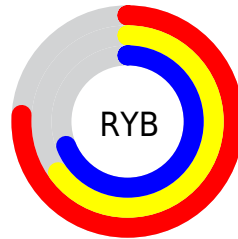
# Distribution



Red (76%)

Green (65%)

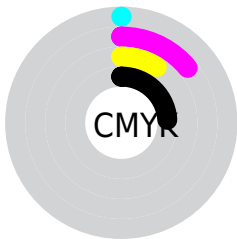
Blue (69%)



Red (76%)

Yellow (65%)

Blue (69%)

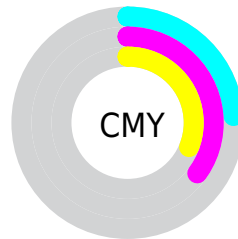


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3A7B1 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 C3A7B1 by changing the saturation by 10% instead.





C3A7B1



C3A7B1

FFFFFF



A88D96



FCDEE9



8D737C



FFFBFF



735A64



5B434C



432D35



2C1820



1A0008



000000



C3A7B1



C3A7B1

 C394A4

 C3BBBE

 C38098

 C3CECA

 C36D8B

 C3E2D7

 C3597F

 C3F5E3

 C34672

 C3FFF0

 C33266

 C3FFFC

 C31F59

 C3FFFF

 C30B4D

 C30046

# Harmonies

## Analogous

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



BAA9BB



C3A7B1



C6A7A6

# Triad

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



C3A7B1



AEB09A



96B3BF

# Complementary

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



C3A7B1



A7C3B9

# 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.



93B5B6



C3A7B1



A1B3A1

# Square

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



C3A7B1



BAAD99



97B5AB



A0B0C4

# Rectangle

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



C3A7B1



C4A8A0



97B5AB



94B4BD



# Sweetspot

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



C3A7B1



FCF2F6



B9A7C3



80797B



000000



808080



# Same Dimension

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



C3A7B1



FCD2E1



C3ABA7



61575B



A10039



21000C



# Inverse Universe

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



C3A7B1



FCD2E1



A7BFC3



61575B



A10039

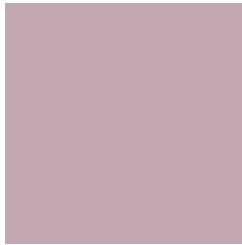


21000C



# Previews

## White Background



This preview shows how the Hex color C3A7B1 looks on a white background.

## Color Contrast Check

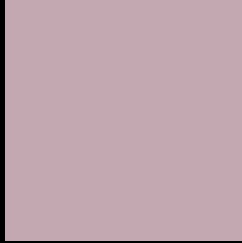
Large Text (above 18pt) WCAG AA × Fail

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 C3A7B1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

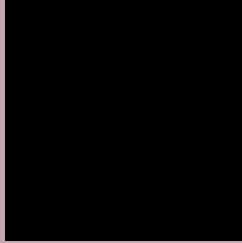
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3A7B1 Background



This preview shows how black text looks on a background with the Hex color C3A7B1.



This preview shows how white text looks on a background with the Hex color C3A7B1.

# 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**  
C3A7B4

# Trichromacy



**Original Color**

C3A7B1

**Protanomaly**

B7ABB4

**Deuteranomaly**

C0A8B1

**Tritanomaly**

C3A7B3

# Monochromacy



**Original Color**

C3A7B1

**Achromatopsia**

B1B1B1

**Achromatomaly**

B8ADB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3A7B1 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 #C3A7B1 looks like.

```
.text, #text, p{  
    color:#C3A7B1  
}
```

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 #C3A7B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3A7B1
}
```

## Border

The CSS property to change the border of an element to Hex C3A7B1 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
#C3A7B1 }
```

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

```
.border{ border-color:#C3A7B1 }
```

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

Here you see how a box with a 4 pixel #C3A7B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3A7B1; -webkit-box-shadow:4px 4px  
4px 4px #C3A7B1; box-shadow:4px 4px 4px  
4px #C3A7B1 }
```

# Background

The CSS property to change the background color of an element to Hex C3A7B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3A7B1 }
```

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

```
.background{ background-color:#C3A7B1 }
```

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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