

# Converting Colors

Hex(CB7DA1)

Have a look what the booklet for  
Hex(CB7DA1) contains.

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# **Color**

**Hex(CB7DA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CB7DA1
RGB	203, 125, 161
RGB Percent	80%, 49%, 63%
CMY	0.2039, 0.5098, 0.3686
CMYK	0.00, 0.38, 0.21, 0.20
HSL	332°, 43%, 64%
HSV	332°, 38%, 80%
XYZ	38.3952, 29.9370, 37.4730
YIQ	152.4260, 34.9320, 27.7320

# Conversions

## Conversions Part 2

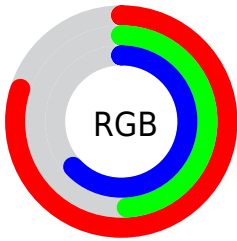
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 125, 161
Decimal	13335969
CIE <sub>Lab</sub>	61.60, 35.13, -6.36
CIE <sub>LCh</sub>	62, 35.705, 349.732
Yxy	29.9370, 0.3629, 0.2829
Android (android.graphics.Color)	4291526049 (0xFFCB7DA1)
YUV	152.4260, 4.2270, 44.3534
Hunter-Lab	54.7147, 29.5092, -2.3063

# Details

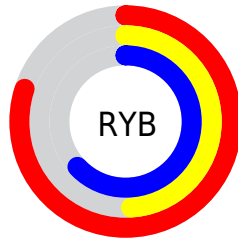
The Hex color **CB7DA1** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7DCBA7**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFB3D8**, and **934A6E** is the 20% darker color. If you saturate the color by 10%, you get **CB6996**, and if you desaturate by 10%, it is **CB91AC**.

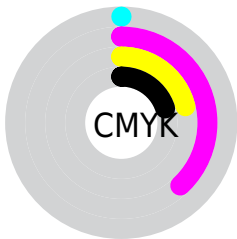
# Distribution



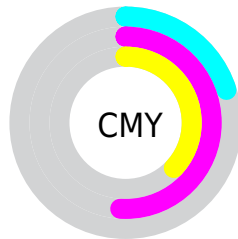
- Red (80%)
- Green (49%)
- Blue (63%)



- Red (80%)
- Yellow (49%)
- Blue (63%)



- Cyan (0%)
- Magenta (38%)
- Yellow (21%)
- Black (20%)



- Cyan (20%)
- Magenta (51%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB7DA1 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 CB7DA1 by changing the saturation by 10% instead.



 CB7DA1

 CB7DA1

FFFFFF

 AF6387

 FFB3D8

 934A6E

 FFCFF4

 783155

 FFE8FF

 5E183E

 450028

 2E0014

 000000

 CB7DA1

 CB7DA1

 CB6996

 CB91AC

 CB548B

 CBA6B7

 CB4080

 CBBAC2

 CB2C75

 CBCECD

 CB186A

 CBE3D8

 CB035F

 CBF7E3

 CB005E

 CBFFEE

 CBFFF8

 CBFFFF

# Harmonies

## Analogous

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



B285BE



CB7DA1



D27D81

# Triad

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



CB7DA1



949958



02A2C4

# Complementary

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



CB7DA1



7DCBA7

# 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.



01A5A9



CB7DA1



70A16B

# Square

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



CB7DA1



B38F56



45A588



519BD2

# Rectangle

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



CB7DA1



CE816E



45A588



00A4BC



# Sweetspot

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



CB7DA1



FFE0EF



A77DCB



806E76



000000



808080



# Same Dimension

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



CB7DA1



FF8AC0



CB807D



665C61



A6004D



260012



# Inverse Universe

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



CB7DA1



FF8AC0



7DC8CB



665C61



A6004C

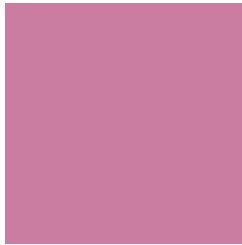


260012



# Previews

## White Background



This preview shows how the Hex color CB7DA1 looks on a white background.

## Color Contrast Check

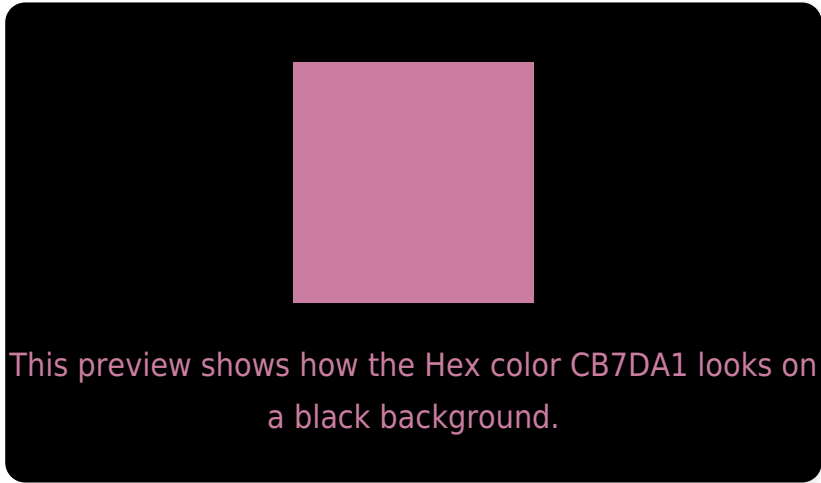
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex CB7DA1 Background



This preview shows how black text looks on a background with the Hex color CB7DA1.

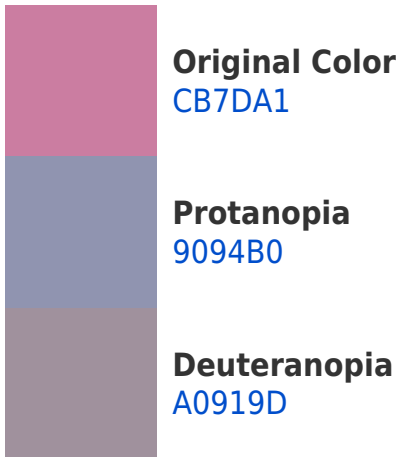



This preview shows how white text looks on a background with the Hex color CB7DA1.

# 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](#).

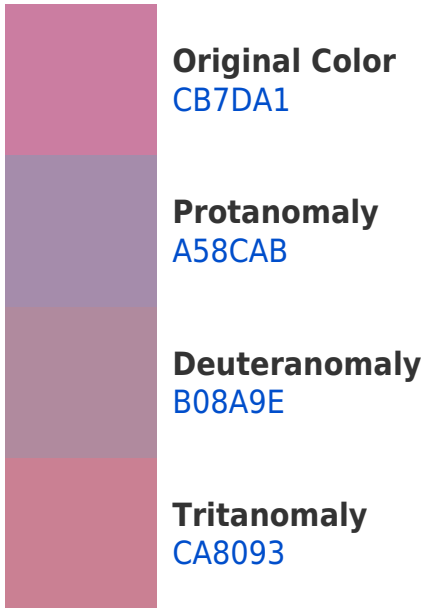
## Dichromacy



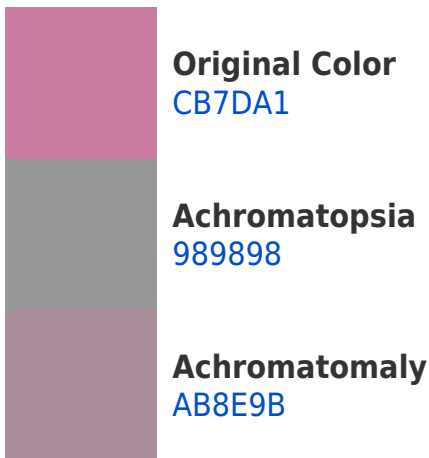


**Tritanopia**  
C9818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB7DA1 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 #CB7DA1 looks like.

```
.text, #text, p{  
    color:#CB7DA1  
}
```

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 #CB7DA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB7DA1
}
```

## Border

The CSS property to change the border of an element to Hex CB7DA1 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
#CB7DA1 }
```

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

```
.border{ border-color:#CB7DA1 }
```

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

Here you see how a box with a 4 pixel #CB7DA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB7DA1; -webkit-box-shadow:4px 4px  
4px 4px #CB7DA1; box-shadow:4px 4px 4px  
4px #CB7DA1 }
```

# Background

The CSS property to change the background color of an element to Hex CB7DA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB7DA1 }
```

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

```
.background{ background-color:#CB7DA1 }
```

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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