

# Converting Colors

Hex(CA91B6)

Have a look what the booklet for  
Hex(CA91B6) contains.

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# **Color**

**Hex(CA91B6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA91B6
RGB	202, 145, 182
RGB Percent	79%, 57%, 71%
CMY	0.2078, 0.4314, 0.2863
CMYK	0.00, 0.28, 0.10, 0.21
HSL	321°, 35%, 68%
HSV	321°, 28%, 79%
XYZ	42.9260, 36.1848, 48.9779
YIQ	166.2610, 22.0950, 23.5910

# Conversions

## Conversions Part 2

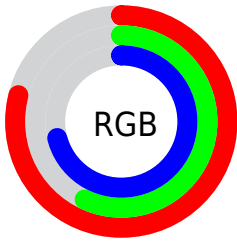
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 145, 182
Decimal	13275574
CIE <sub>Lab</sub>	66.66, 27.32, -10.72
CIE <sub>LCh</sub>	67, 29.349, 338.570
Yxy	36.1848, 0.3351, 0.2825
Android (android.graphics.Color)	4291465654 (0xFFCA91B6)
YUV	166.2610, 7.7593, 31.3431
Hunter-Lab	60.1538, 22.1094, -6.1670

# Details

The Hex color **CA91B6** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **91CAA5**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFC7EE**, and **935E81** is the 20% darker color. If you saturate the color by 10%, you get **CA7DAF**, and if you desaturate by 10%, it is **CAA5BD**.

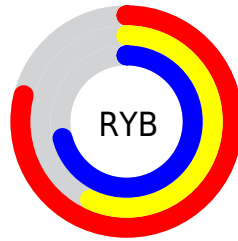
# Distribution



Red (79%)

Green (57%)

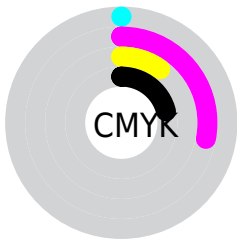
Blue (71%)



Red (79%)

Yellow (57%)

Blue (71%)

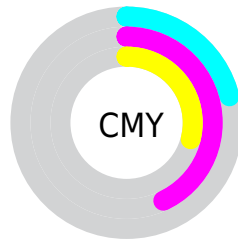


Cyan (0%)

Magenta (28%)

Yellow (10%)

Black (21%)



Cyan (21%)

Magenta (43%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA91B6 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 CA91B6 by changing the saturation by 10% instead.



CA91B6

CA91B6

FFFFFF

AE779B

FFC7EE

935E81

FFE4FF

794568

5F2E50

471739

2F0023

17000C

000000

CA91B6

CA91B6

■ CA7DAF

■ CAA5BD

■ CA69A8

■ CAB9C4

■ CA54A1

■ CACECB

■ CA409A

■ CAE2D2

■ CA2C93

■ CAF6D9

■ CA188B

■ CAFFE1

■ CA0484

■ CAFFE8

■ CA0083

■ CAFFE F

■ CAFFF6

# Harmonies

## Analogous

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



B099CB



CA91B6



D68E9B

# Triad

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



CA91B6



ADA36E



4DAFC2

# Complementary

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



CA91B6



91CAA5

# 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.



56B1A9



CA91B6



90AA78

# Square

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



CA91B6



C59A72



71AF8E



64AAD3

# Rectangle

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



CA91B6



D6908A



71AF8E



4CB0BA



# Sweetspot

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



CA91B6



FFEBF8



A591CA



80737B



000000



808080



# Same Dimension

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



CA91B6



FFA8E1



CA919A



665C62



A6006C



260019



# Inverse Universe

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



CA91B6



FFA8E1



91CAC1



665C62



A6006C

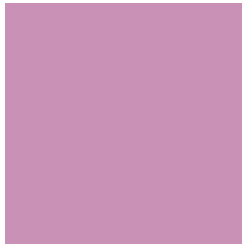


260019



# Previews

## White Background



This preview shows how the Hex color CA91B6 looks on a white background.

## Color Contrast Check

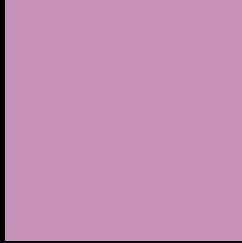
Large Text (above 18pt) WCAG AA × Fail

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 CA91B6 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 CA91B6 Background



This preview shows how black text looks on a background with the Hex color CA91B6.

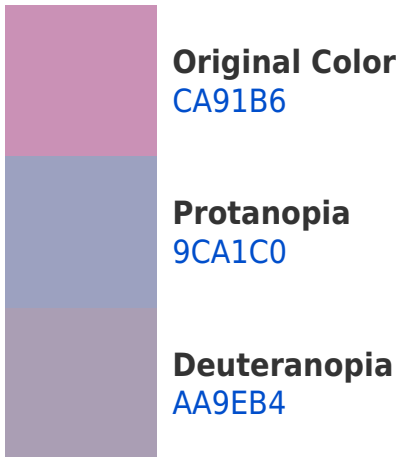


This preview shows how white text looks on a background with the Hex color CA91B6.

# 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**  
C795A0

# Trichromacy



**Original Color**  
CA91B6

**Protanomaly**  
AD9BBC

**Deuteranomaly**  
B699B5

**Tritanomaly**  
C894A8

# Monochromacy



**Original Color**  
CA91B6

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
B39EAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA91B6 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 #CA91B6 looks like.

```
.text, #text, p{  
    color:#CA91B6  
}
```

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 #CA91B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA91B6
}
```

## Border

The CSS property to change the border of an element to Hex CA91B6 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
#CA91B6 }
```

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

```
.border{ border-color:#CA91B6 }
```

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

Here you see how a box with a 4 pixel #CA91B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA91B6; -webkit-box-shadow:4px 4px  
4px 4px #CA91B6; box-shadow:4px 4px 4px  
4px #CA91B6 }
```

# Background

The CSS property to change the background color of an element to Hex CA91B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA91B6 }
```

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

```
.background{ background-color:#CA91B6 }
```

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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