

# Converting Colors

Hex(CA71B7)

Have a look what the booklet for  
Hex(CA71B7) contains.

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# **Color**

**Hex(CA71B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA71B7
RGB	202, 113, 183
RGB Percent	79%, 44%, 72%
CMY	0.2078, 0.5569, 0.2824
CMYK	0.00, 0.44, 0.09, 0.21
HSL	313°, 46%, 62%
HSV	313°, 44%, 79%
XYZ	38.8095, 27.7857, 48.1174
YIQ	147.5910, 30.5740, 40.6380

# Conversions

## Conversions Part 2

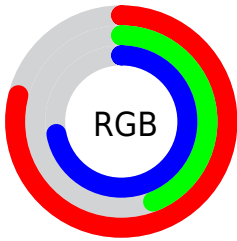
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 113, 183
Decimal	13267383
CIE Lab	59.69, 44.67, -21.83
CIE LCh	60, 49.719, 333.954
Yxy	27.7857, 0.3383, 0.2422
Android (android.graphics.Color)	4291457463 (0xFFCA71B7)
YUV	147.5910, 17.4566, 47.7167
Hunter-Lab	52.7122, 39.1749, -17.2234

# Details

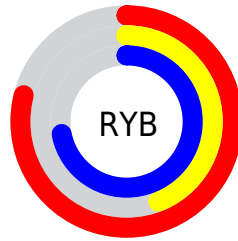
The Hex color **CA71B7** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **71CA84**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFA7EF**, and **923D82** is the 20% darker color. If you saturate the color by 10%, you get **CA5DB3**, and if you desaturate by 10%, it is **CA85BB**.

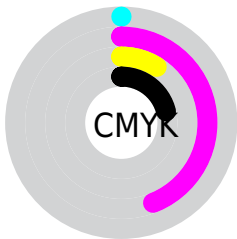
# Distribution



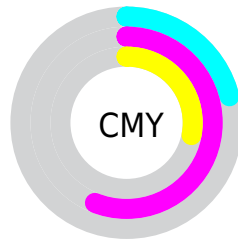
- Red (79%)
- Green (44%)
- Blue (72%)



- Red (79%)
- Yellow (44%)
- Blue (72%)



- Cyan (0%)
- Magenta (44%)
- Yellow (9%)
- Black (21%)



- Cyan (21%)
- Magenta (56%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA71B7 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 CA71B7 by changing the saturation by 10% instead.



CA71B7

CA71B7

FFFFFF

AE579C

FFA7EF

923D82

FFC3FF

772369

FFDFFF

5D0150

FFFCFF

430039

2E0024

00000A

000000

CA71B7

CA71B7

CA5DB3

CA85BB

CA49AE

CA99C0

CA34AA

CAAEC4

CA20A6

CAC2C8

CA0CA1

CAD6CD

CA009F

CAEAD1

CAFED5

CAFFD9

CAFFDE

# Harmonies

## Analogous

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



9A82D9



CA71B7



E0698C

# Triad

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



CA71B7



A38F34



00A4BF

# Complementary

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



CA71B7



71CA84

# 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.



00A594



CA71B7



769B43

# Square

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



CA71B7



C77F41



35A368



009EDE

# Rectangle

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



CA71B7



E06C6F



35A368



00A5B2



# Sweetspot

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



CA71B7



FFDEF8



8371CA



806B7B



000000



808080



# Same Dimension

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



CA71B7



FF78E2



CA718C



665C64



A60082



26001E



# Inverse Universe

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



CA71B7



FF78E2



71CAAF



665C64



A60082



26001E



# Previews

## White Background



This preview shows how the Hex color CA71B7 looks on a white background.

## Color Contrast Check

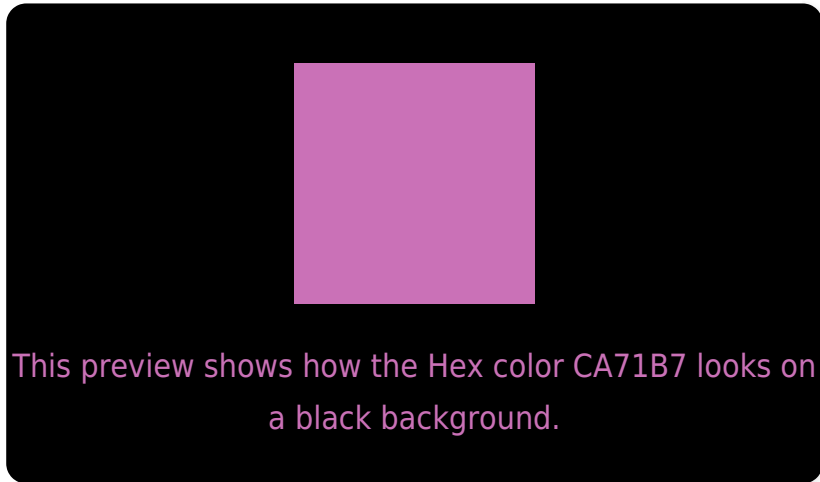
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA71B7 Background



This preview shows how black text looks on a background with the Hex color CA71B7.

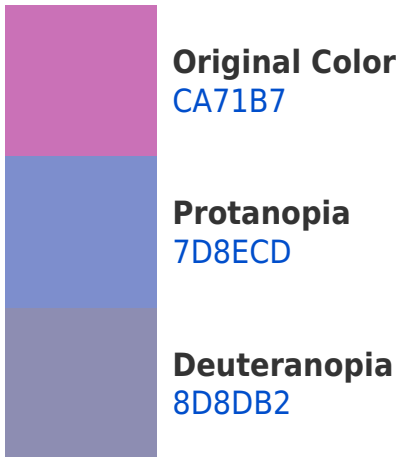


This preview shows how white text looks on a background with the Hex color CA71B7.

# 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**  
C47C85

# Trichromacy



**Original Color**  
CA71B7



**Protanomaly**  
9983C5



**Deuteranomaly**  
A383B4

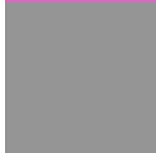


**Tritanomaly**  
C67897

# Monochromacy



**Original Color**  
CA71B7



**Achromatopsia**  
949494



**Achromatomaly**  
A887A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA71B7 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 #CA71B7 looks like.

```
.text, #text, p{  
    color:#CA71B7  
}
```

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 #CA71B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA71B7
}
```

## Border

The CSS property to change the border of an element to Hex CA71B7 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
#CA71B7 }
```

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

```
.border{ border-color:#CA71B7 }
```

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

Here you see how a box with a 4 pixel #CA71B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA71B7; -webkit-box-shadow:4px 4px  
4px 4px #CA71B7; box-shadow:4px 4px 4px  
4px #CA71B7 }
```

# Background

The CSS property to change the background color of an element to Hex CA71B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA71B7 }
```

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

```
.background{ background-color:#CA71B7 }
```

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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