

# Converting Colors

Hex(CB81A5)

Have a look what the booklet for  
Hex(CB81A5) contains.

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# **Color**

**Hex(CB81A5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB81A5
RGB	203, 129, 165
RGB Percent	80%, 51%, 65%
CMY	0.2039, 0.4941, 0.3529
CMYK	0.00, 0.36, 0.19, 0.20
HSL	331°, 42%, 65%
HSV	331°, 36%, 80%
XYZ	39.2704, 31.1136, 39.5331
YIQ	155.2300, 32.5480, 26.8840

# Conversions

## Conversions Part 2

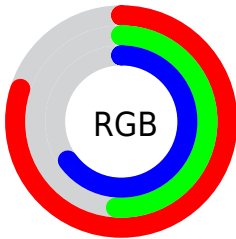
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 129, 165
Decimal	13336997
CIE <sub>Lab</sub>	62.60, 33.59, -7.16
CIE <sub>LCh</sub>	63, 34.348, 347.973
Yxy	31.1136, 0.3573, 0.2831
Android (android.graphics.Color)	4291527077 (0xFFCB81A5)
YUV	155.2300, 4.8166, 41.8943
Hunter-Lab	55.7796, 28.0547, -2.9753

# Details

The Hex color **CB81A5** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **81CBA7**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB7DC**, and **934E71** is the 20% darker color. If you saturate the color by 10%, you get **CB6D9B**, and if you desaturate by 10%, it is **CB95AF**.

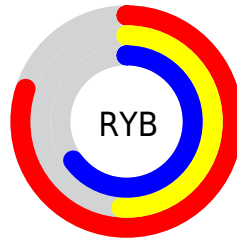
# Distribution



Red (80%)

Green (51%)

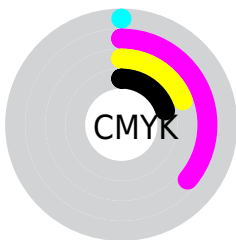
Blue (65%)



Red (80%)

Yellow (51%)

Blue (65%)

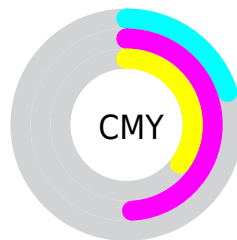


Cyan (0%)

Magenta (36%)

Yellow (19%)

Black (20%)



Cyan (20%)

Magenta (49%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB81A5 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 CB81A5 by changing the saturation by 10% instead.



 CB81A5

 CB81A5

FFFFFF

 AF678B

 FFB7DC

 934E71

 FFD3F9

 793659

 FFEFFF

 5F1D41

 45022B

 2E0017

 040000

 000000

 CB81A5

 CB81A5

 CB6D9B

 CB95AF

 CB5890

 CBAABA

 CB4486

 CBBEC4

 CB307B

 CBD2CF

 CB1B71

 CBE7D9

 CB0766

 CBFBE4

 CB0063

 CBFFEE

 CBFFF8

 CBFFFF

# Harmonies

## Analogous

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



B289C0



CB81A5



D38086

# Triad

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



CB81A5



999B5C



20A5C4

# Complementary

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



CB81A5



81CBA7

# 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.



23A8A9



CB81A5



76A36E

# Square

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



CB81A5



B6915C



4FA78A



569ED2

# Rectangle

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



CB81A5



CF8473



4FA78A



15A6BC



# Sweetspot

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



CB81A5



FFE3F1



A681CB



806F77



000000



808080



# Same Dimension

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



CB81A5



FF8FC5



CB8181



665C61



A60051



260013



# Inverse Universe

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



CB81A5



FF8FC5



81CBCB



665C61



A60051

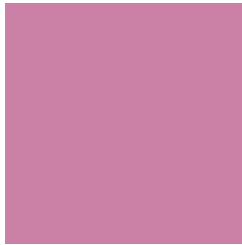


260013



# Previews

## White Background



This preview shows how the Hex color CB81A5 looks on a white background.

## Color Contrast Check

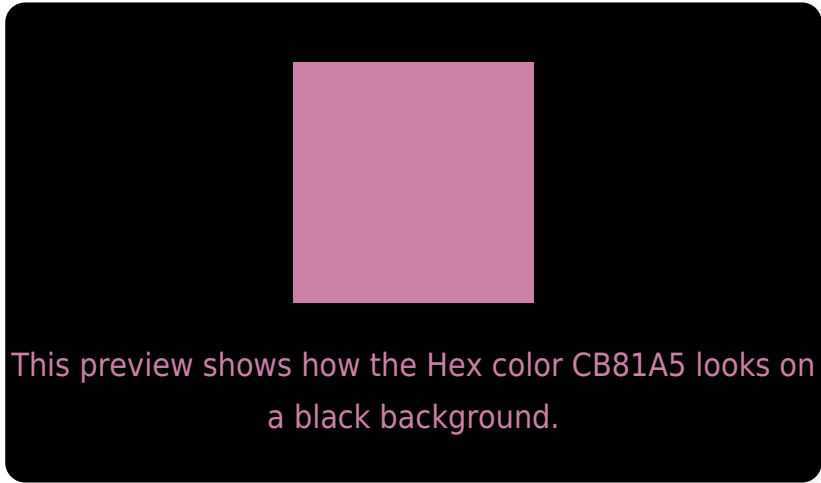
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

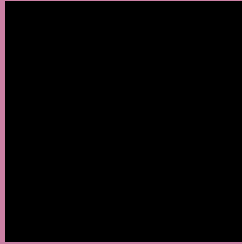
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CB81A5 Background



This preview shows how black text looks on a background with the Hex color CB81A5.



This preview shows how white text looks on a background with the Hex color CB81A5.

# 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



**Original Color**  
CB81A5

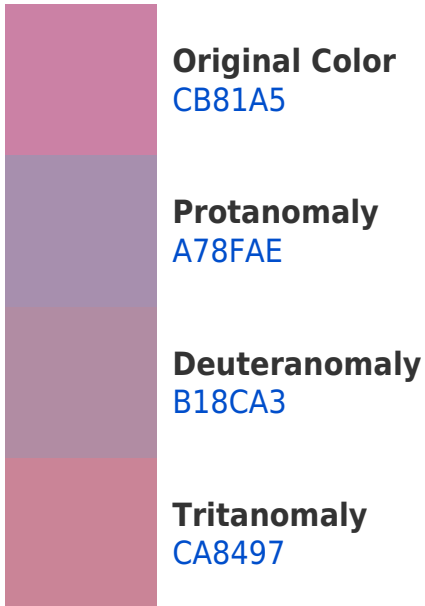
**Protanopia**  
9297B3

**Deuteranopia**  
A293A2

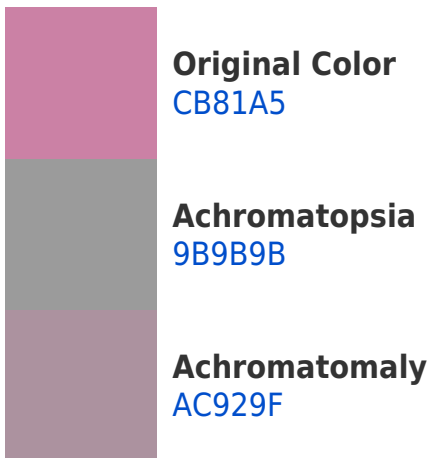


**Tritanopia**  
C9858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB81A5 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 #CB81A5 looks like.

```
.text, #text, p{  
    color:#CB81A5  
}
```

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 #CB81A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB81A5
}
```

## Border

The CSS property to change the border of an element to Hex CB81A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

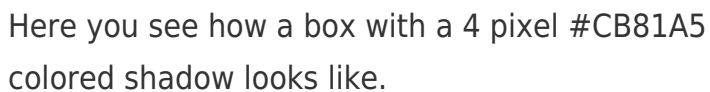
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CB81A5 }
```

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

```
.border{ border-color:#CB81A5 }
```

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



Here you see how a box with a 4 pixel #CB81A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB81A5; -webkit-box-shadow:4px 4px  
4px 4px #CB81A5; box-shadow:4px 4px 4px  
4px #CB81A5 }
```

# Background

The CSS property to change the background color of an element to Hex CB81A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB81A5 }
```

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

```
.background{ background-color:#CB81A5 }
```

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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