

# Converting Colors

Hex(C0A9E2)

Have a look what the booklet for  
Hex(C0A9E2) contains.

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# **Color**

**Hex(C0A9E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0A9E2
RGB	192, 169, 226
RGB Percent	75%, 66%, 89%
CMY	0.2471, 0.3373, 0.1137
CMYK	0.15, 0.25, 0.00, 0.11
HSL	264°, 50%, 77%
HSV	264°, 25%, 89%
XYZ	49.6537, 45.0734, 78.0345
YIQ	182.3750, -4.5890, 22.6030

# Conversions

## Conversions Part 2

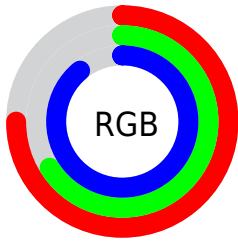
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 169, 226
Decimal	12626402
CIE <sub>Lab</sub>	72.94, 19.33, -25.64
CIE <sub>LCh</sub>	73, 32.107, 307.018
Yxy	45.0734, 0.2874, 0.2609
Android (android.graphics.Color)	4290816482 (0xFFC0A9E2)
YUV	182.3750, 21.5071, 8.4411
Hunter-Lab	67.1367, 14.5276, -21.9184

# Details

The Hex color **C0A9E2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CBE2A9**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **F9E0FF**, and **8A75AB** is the 20% darker color. If you saturate the color by 10%, you get **B392E2**, and if you desaturate by 10%, it is **CDC0E2**.

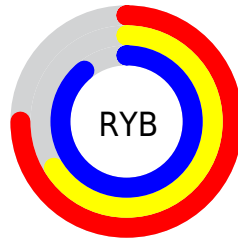
# Distribution



Red (75%)

Green (66%)

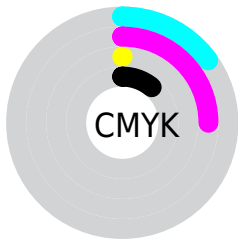
Blue (89%)



Red (75%)

Yellow (66%)

Blue (89%)

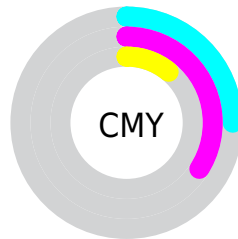


Cyan (15%)

Magenta (25%)

Yellow (0%)

Black (11%)



Cyan (25%)

Magenta (34%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0A9E2 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 C0A9E2 by changing the saturation by 10% instead.



 C0A9E2

 C0A9E2

FFFFFF

 A58EC6

 F9E0FF

 8A75AB

 FFFDFF

 705C90

 574476

 3F2E5D

 271945

 14002F

 000119

 000000

 C0A9E2

 C0A9E2

 B392E2

 CDC0E2

 A57CE2

 DBD6E2

 9865E2

 E8EDE2

 8A4FE2

 F6FFE2

 7D38E2

 FFFFE2

 6F21E2

 620BE2

 5B00E2

# Harmonies

## Analogous

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



97B3ED



C0A9E2



DEA0CB

# Triad

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



C0A9E2



DBA97E



5FC3B9

# Complementary

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



C0A9E2



CBE2A9

# 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.



7EC19B



C0A9E2



C1B378

# Square

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



C0A9E2



EBA191



A1BC83



53C2D5

# Rectangle

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



C0A9E2



EA9DB7



A1BC83



68C3AF



# Sweetspot

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



C0A9E2



F3EBFF



A9CBE2



787380



000000



808080



# Same Dimension

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



C0A9E2



D1B3FF



DCA9E2



6A6570



4700B0



140030



# Inverse Universe

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



E2A9CB



FFB3E0



AFE2A9



70656C



B00069

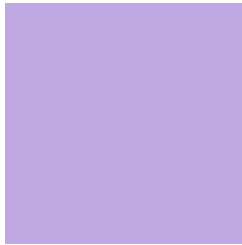


30001D



# Previews

## White Background



This preview shows how the Hex color C0A9E2 looks on a white background.

## Color Contrast Check

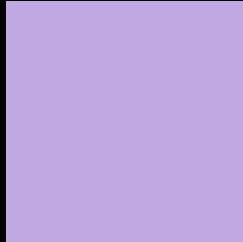
Large Text (above 18pt) WCAG AA × Fail

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 C0A9E2 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 C0A9E2 Background



This preview shows how black text looks on a background with the Hex color C0A9E2.

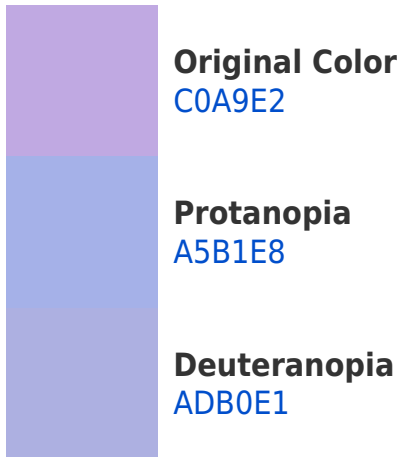


This preview shows how white text looks on a background with the Hex color C0A9E2.

# Color Blindness Simulation

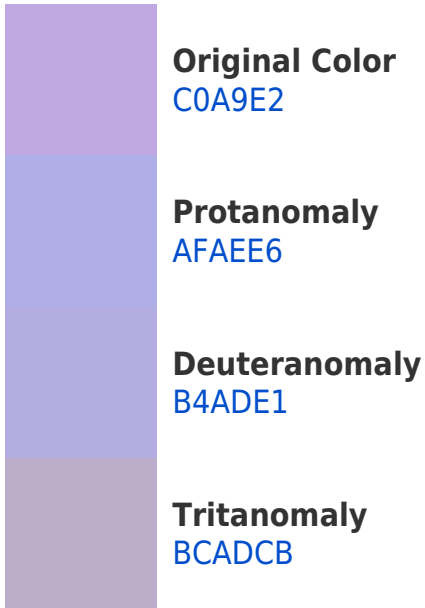
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

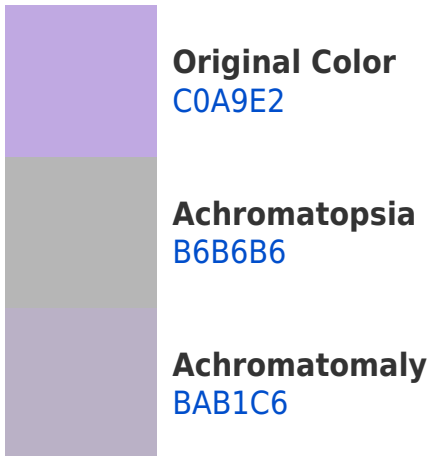




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0A9E2 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 #C0A9E2 looks like.

```
.text, #text, p{  
  color:#C0A9E2  
}
```

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 #C0A9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0A9E2
}
```

## Border

The CSS property to change the border of an element to Hex C0A9E2 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
#C0A9E2 }
```

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

```
.border{ border-color:#C0A9E2 }
```

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

Here you see how a box with a 4 pixel #C0A9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0A9E2; -webkit-box-shadow:4px 4px  
4px 4px #C0A9E2; box-shadow:4px 4px 4px  
4px #C0A9E2 }
```

# Background

The CSS property to change the background color of an element to Hex C0A9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0A9E2 }
```

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

```
.background{ background-color:#C0A9E2 }
```

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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