

# Converting Colors

Hex(C3B5E6)

Have a look what the booklet for  
Hex(C3B5E6) contains.

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# **Color**

**Hex(C3B5E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3B5E6
RGB	195, 181, 230
RGB Percent	76%, 71%, 90%
CMY	0.2353, 0.2902, 0.0980
CMYK	0.15, 0.21, 0.00, 0.10
HSL	257°, 49%, 81%
HSV	257°, 21%, 90%
XYZ	53.3125, 50.3630, 81.7741
YIQ	190.7720, -7.3850, 18.2070

# Conversions

## Conversions Part 2

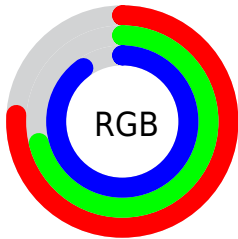
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	195, 181, 230
Decimal	12826086
CIE <sub>Lab</sub>	76.29, 14.54, -22.67
CIE <sub>LCh</sub>	76, 26.935, 302.678
Yxy	50.3630, 0.2875, 0.2716
Android (android.graphics.Color)	4291016166 (0xFFC3B5E6)
YUV	190.7720, 19.3394, 3.7080
Hunter-Lab	70.9669, 9.9025, -18.6421

# Details

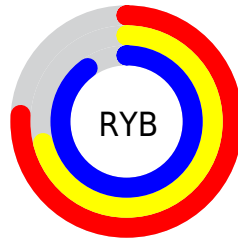
The Hex color **C3B5E6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D8E6B5**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FCEDFF**, and **8D80AE** is the 20% darker color. If you saturate the color by 10%, you get **B39EE6**, and if you desaturate by 10%, it is **D3CCE6**.

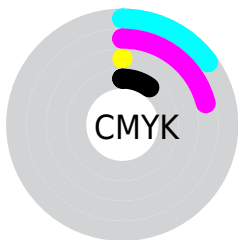
# Distribution



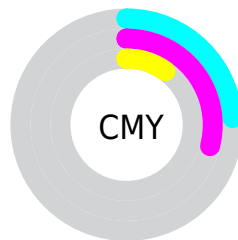
- Red (76%)
- Green (71%)
- Blue (90%)



- Red (76%)
- Yellow (71%)
- Blue (90%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (29%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3B5E6 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 C3B5E6 by changing the saturation by 10% instead.



 C3B5E6

 C3B5E6

FFFFFF

 A89ACA

 FCEDFF

 8D80AE

 736794

 5A4F7A

 423861

 2B2349

 140E32

 00021D

 000000

 C3B5E6

 C3B5E6

 B39EE6


 D3CCE6

 A287E6

 E4E3E6

 9270E6

 F4FAE6

 8159E6

 FFFFE6

 7142E6

 602BE6

 5014E6

 4200E6

# Harmonies

## Analogous

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



A1BEED



C3B5E6



DEADD3

# Triad

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



C3B5E6



E2B391



7CCABE

# Complementary

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



C3B5E6



D8E6B5

# 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.



95C8A5



C3B5E6



CCBB8B

# Square

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



C3B5E6



EEACA2



B1C392



73C9D6

# Rectangle

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



C3B5E6



EAABC3



B1C392



84CAB5



# Sweetspot

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



C3B5E6



F4F0FF



B5D8E6



797780



000000



808080



# Same Dimension

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



C3B5E6



D0BDFF



DBB5E6



6B6773



3300B3



0F0033



# Inverse Universe

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



E6B5D8



FFBDEC



C0E6B5



73676F



B30080

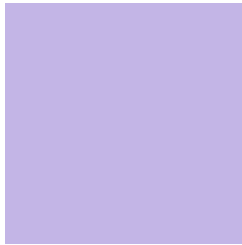


330024



# Previews

## White Background



This preview shows how the Hex color C3B5E6 looks on a white background.

## Color Contrast Check

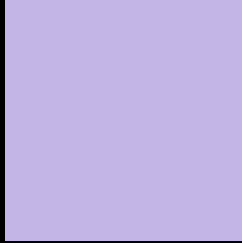
Large Text (above 18pt) WCAG AA × Fail

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 C3B5E6 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 C3B5E6 Background



This preview shows how black text looks on a background with the Hex color C3B5E6.

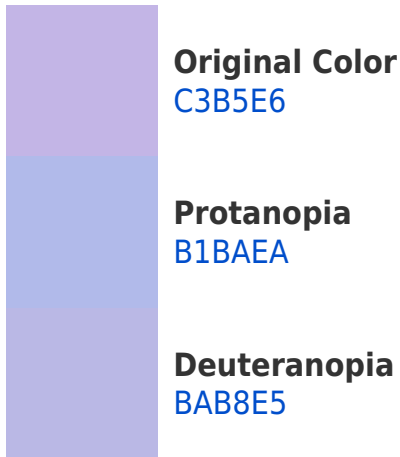


This preview shows how white text looks on a background with the Hex color C3B5E6.

# Color Blindness Simulation

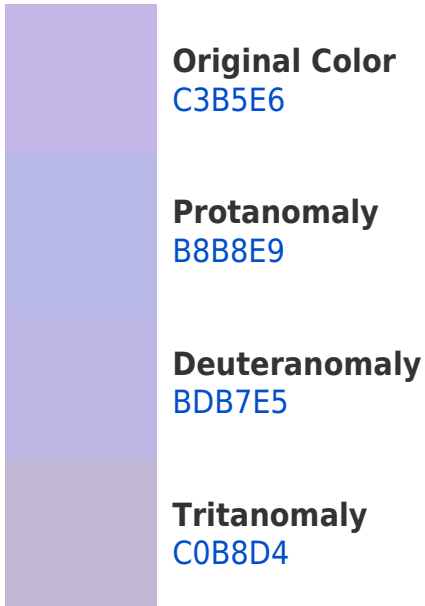
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

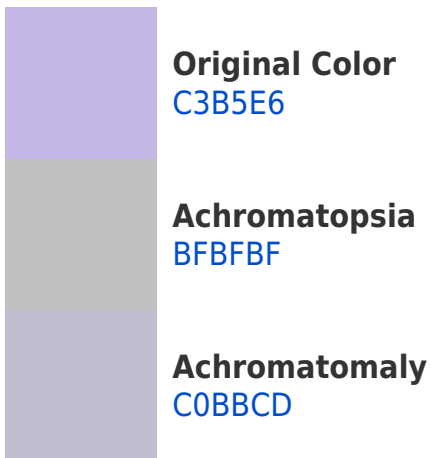




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3B5E6 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 #C3B5E6 looks like.

```
.text, #text, p{  
    color:#C3B5E6  
}
```

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 #C3B5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3B5E6  
}
```

## Border

The CSS property to change the border of an element to Hex C3B5E6 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  
#C3B5E6 }
```

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

```
.border{ border-color:#C3B5E6 }
```

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

Here you see how a box with a 4 pixel #C3B5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3B5E6; -webkit-box-shadow:4px 4px  
4px 4px #C3B5E6; box-shadow:4px 4px 4px  
4px #C3B5E6 }
```

# Background

The CSS property to change the background color of an element to Hex C3B5E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3B5E6 }
```

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

```
.background{ background-color:#C3B5E6 }
```

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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