

# Converting Colors

Hex(C6BBE2)

Have a look what the booklet for  
Hex(C6BBE2) contains.

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# **Color**

**Hex(C6BBE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6BBE2
RGB	198, 187, 226
RGB Percent	78%, 73%, 89%
CMY	0.2235, 0.2667, 0.1137
CMYK	0.12, 0.17, 0.00, 0.11
HSL	257°, 40%, 81%
HSV	257°, 17%, 89%
XYZ	54.7865, 53.0374, 79.3012
YIQ	194.7350, -5.9630, 14.4610

# Conversions

## Conversions Part 2

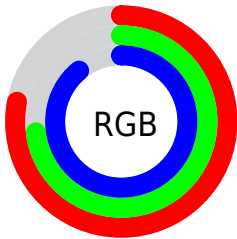
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 187, 226
Decimal	13024226
CIE <sub>Lab</sub>	77.90, 11.39, -18.05
CIE <sub>LCh</sub>	78, 21.344, 302.245
Yxy	53.0374, 0.2928, 0.2834
Android (android.graphics.Color)	4291214306 (0xFFC6BBE2)
YUV	194.7350, 15.4136, 2.8634
Hunter-Lab	72.8268, 6.8360, -13.5822

# Details

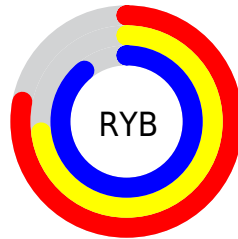
The Hex color **C6BBE2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D7E2BB**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF3FF**, and **9086AB** is the 20% darker color. If you saturate the color by 10%, you get **B6A4E2**, and if you desaturate by 10%, it is **D6D2E2**.

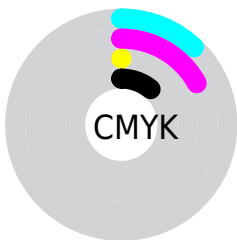
# Distribution



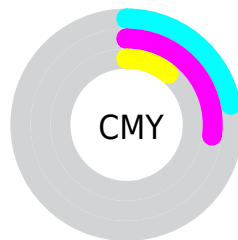
- Red (78%)
- Green (73%)
- Blue (89%)



- Red (78%)
- Yellow (73%)
- Blue (89%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (27%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6BBE2 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 C6BBE2 by changing the saturation by 10% instead.



 C6BBE2

FFFFFF

 FFF3FF

 C6BBE2

 ABA0C6

 9086AB

 766D90

 5D5476

 453D5E

 2E2746

 18132F

 00001B

 000000

 C6BBE2

 C6BBE2

 B6A4E2

 D6D2E2

 A68EE2

 E6E8E2

 9577E2

 F7FFE2

 8561E2

 FFFFE2

 754AE2

 6533E2

 541DE2

 4406E2

 4000E2

# Harmonies

## Analogous

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



ACC2E8



C6BBE2



DCB5D3

# Triad

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



C6BBE2



E0B99E



90CCC1

# Complementary

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



C6BBE2



D7E2BB

# 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.



A2CAAE



C6BBE2



CEC099

# Square

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



C6BBE2



E9B4AC



B9C69F



8BCBD5

# Rectangle

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



C6BBE2



E5B3C7



B9C69F



95CCBB



# Sweetspot

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



C6BBE2



F6F2FF



BBD8E2



7A7880



000000



808080



# Same Dimension

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



C6BBE2



D9C9FF



D9BBE2



686570



3200B0



0E0030



# Inverse Universe

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



E2BBD7



FFC9F0



C4E2BB



70656D



B0007E

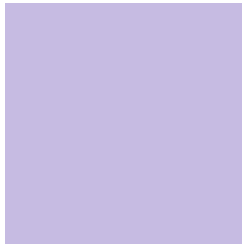


300023



# Previews

## White Background



This preview shows how the Hex color C6BBE2 looks on a white background.

## Color Contrast Check

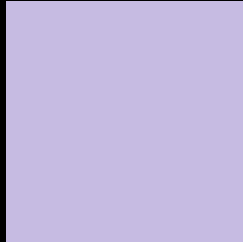
Large Text (above 18pt) WCAG AA × Fail

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 C6BBE2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

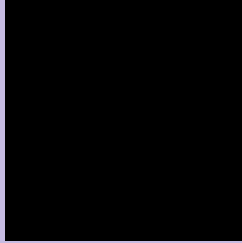
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C6BBE2 Background



This preview shows how black text looks on a background with the Hex color C6BBE2.

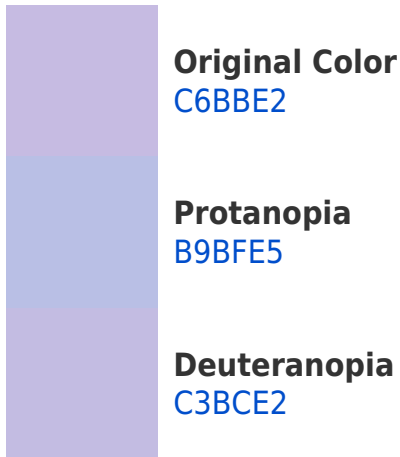


This preview shows how white text looks on a background with the Hex color C6BBE2.

# 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



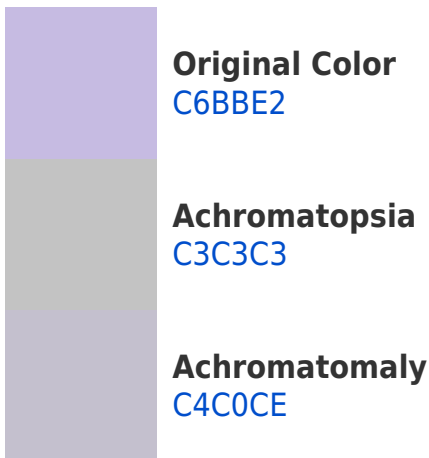


**Tritanopia**  
C3BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6BBE2 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 #C6BBE2 looks like.

```
.text, #text, p{  
    color:#C6BBE2  
}
```

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 #C6BBE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6BBE2
}
```

## Border

The CSS property to change the border of an element to Hex C6BBE2 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
#C6BBE2 }
```

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

```
.border{ border-color:#C6BBE2 }
```

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

Here you see how a box with a 4 pixel #C6BBE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6BBE2; -webkit-box-shadow:4px 4px  
4px 4px #C6BBE2; box-shadow:4px 4px 4px  
4px #C6BBE2 }
```

# Background

The CSS property to change the background color of an element to Hex C6BBE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6BBE2 }
```

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

```
.background{ background-color:#C6BBE2 }
```

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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