

# Converting Colors

Hex(C6BCE5)

Have a look what the booklet for  
Hex(C6BCE5) contains.

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# **Color**

**Hex(C6BCE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6BCE5
RGB	198, 188, 229
RGB Percent	78%, 74%, 90%
CMY	0.2235, 0.2627, 0.1020
CMYK	0.14, 0.18, 0.00, 0.10
HSL	255°, 44%, 82%
HSV	255°, 18%, 90%
XYZ	55.4148, 53.6293, 81.5596
YIQ	195.6640, -7.2010, 14.8710

# Conversions

## Conversions Part 2

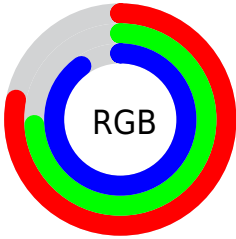
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	198, 188, 229
Decimal	13024485
CIE Lab	78.25, 11.47, -19.14
CIE LCh	78, 22.319, 300.932
Yxy	53.6293, 0.2907, 0.2814
Android (android.graphics.Color)	4291214565 (0xFFC6BCE5)
YUV	195.6640, 16.4346, 2.0487
Hunter-Lab	73.2321, 6.9150, -14.7697

# Details

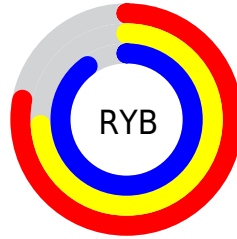
The Hex color **C6BCE5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DBE5BC**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFF4FF**, and **9087AD** is the 20% darker color. If you saturate the color by 10%, you get **B5A5E5**, and if you desaturate by 10%, it is **D7D3E5**.

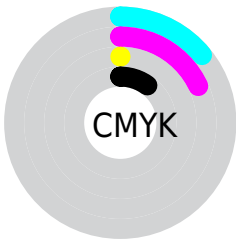
# Distribution



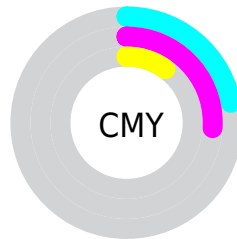
- Red (78%)
- Green (74%)
- Blue (90%)



- Red (78%)
- Yellow (74%)
- Blue (90%)



- Cyan (14%)
- Magenta (18%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (26%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6BCE5 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 C6BCE5 by changing the saturation by 10% instead.



 C6BCE5

FFFFFF

 FFF4FF

 C6BCE5

 ABA1C9

 9087AD

 766D93

 5D5579

 453E60

 2E2848

 181432

 00001D

 000000

 C6BCE5

 C6BCE5

 B5A5E5


 D7D3E5

 A38EE5

 E9EAE5

 9277E5

 FAFFE5

 8160E5

 FFFFE5

 6F4AE5

 5E33E5

 4D1CE5

 3B05E5

 3800E5

# Harmonies

## Analogous

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



AAC3EB



C6BCE5



DDB6D6

# Triad

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



C6BCE5



E3B99E



90CDC1

# Complementary

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



C6BCE5



DBE5BC

# 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.



A3CBAD



C6BCE5



D1C098

# Square

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



C6BCE5



ECB4AD



BAC79E



88CDD6

# Rectangle

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



C6BCE5



E7B3C9



BAC79E



95CDBA



# Sweetspot

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



C6BCE5



F5F2FF



BCDBE5



7A7880



000000



808080



# Same Dimension

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



C6BCE5



D7C9FF



DABCE5



6A6773



2C00B3



0C0033



# Inverse Universe

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



E5BCDB



FFC9F2



C7E5BC



736770



B30087

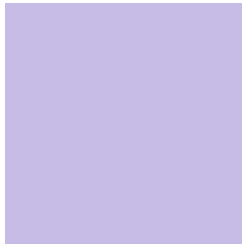


330027



# Previews

## White Background



This preview shows how the Hex color C6BCE5 looks on a white background.

## Color Contrast Check

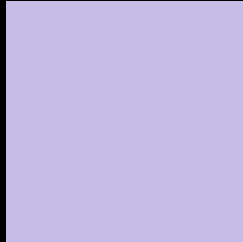
Large Text (above 18pt) WCAG AA × Fail

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 C6BCE5 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 C6BCE5 Background



This preview shows how black text looks on a background with the Hex color C6BCE5.

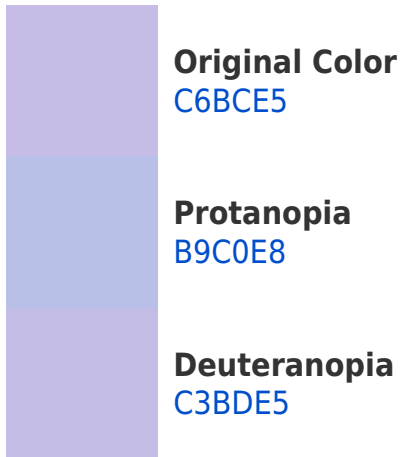


This preview shows how white text looks on a background with the Hex color C6BCE5.

# Color Blindness Simulation

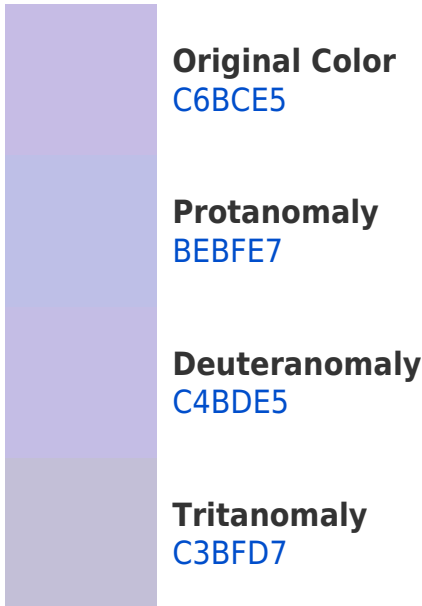
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

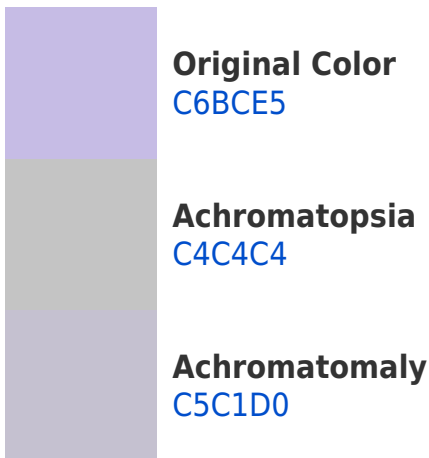




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6BCE5 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 #C6BCE5 looks like.

```
.text, #text, p{  
    color:#C6BCE5  
}
```

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 #C6BCE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6BCE5  
}
```

## Border

The CSS property to change the border of an element to Hex C6BCE5 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  
#C6BCE5 }
```

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

```
.border{ border-color:#C6BCE5 }
```

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

Here you see how a box with a 4 pixel #C6BCE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6BCE5; -webkit-box-shadow:4px 4px  
4px 4px #C6BCE5; box-shadow:4px 4px 4px  
4px #C6BCE5 }
```

# Background

The CSS property to change the background color of an element to Hex C6BCE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6BCE5 }
```

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

```
.background{ background-color:#C6BCE5 }
```

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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