

# Converting Colors

Hex(B6CAE7)

Have a look what the booklet for  
Hex(B6CAE7) contains.

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# **Color**

**Hex(B6CAE7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6CAE7
RGB	182, 202, 231
RGB Percent	71%, 79%, 91%
CMY	0.2863, 0.2078, 0.0941
CMYK	0.21, 0.13, 0.00, 0.09
HSL	216°, 51%, 81%
HSV	216°, 21%, 91%
XYZ	54.8357, 57.9557, 83.8977
YIQ	199.3260, -21.2290, 4.7790

# Conversions

## Conversions Part 2

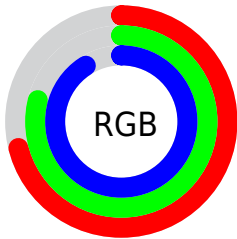
Format	Color
R <sub>Y</sub> B	182, 196, 231
Decimal	11979495
CIE Lab	80.71, -0.63, -16.61
CIE LCh	81, 16.619, 267.827
Yxy	57.9557, 0.2788, 0.2947
Android (android.graphics.Color)	4290169575 (0xFFB6CAE7)
YUV	199.3260, 15.6153, -15.1949
Hunter-Lab	76.1286, -4.6508, -12.0506

# Details

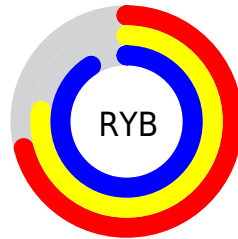
The Hex color **B6CAE7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E7D3B6**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **EEFFFF**, and **8094AF** is the 20% darker color. If you saturate the color by 10%, you get **9FBCE7**, and if you desaturate by 10%, it is **CDD8E7**.

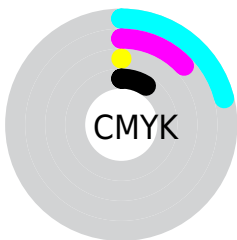
# Distribution



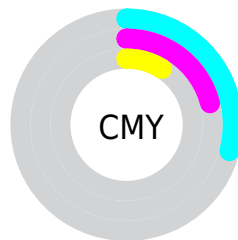
- Red (71%)
- Green (79%)
- Blue (91%)



- Red (71%)
- Yellow (77%)
- Blue (91%)



- Cyan (21%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (21%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6CAE7 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 B6CAE7 by changing the saturation by 10% instead.



 B6CAE7

 B6CAE7

FFFFFF

 9BAFCB

 EEEFFF

 8094AF

 677A95

 4E627B

 364A62

 1E334A

 051E33

 00051F

 000001

 B6CAE7

 B6CAE7

 9FBCE7

 CDD8E7

 88AFE7

 E4E5E7

 71A1E7

 FBF3E7

 5A93E7

 FFFFE7

 4286E7

 2B78E7

 146AE7

 005EE7

# Harmonies

## Analogous

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



A6CEE2



B6CAE7



CAC5E4

# Triad

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



B6CAE7



E9BEBB



B3D0B7

# Complementary

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



B6CAE7



E7D3B6

# 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.



C5CCAD



B6CAE7



E3C2AF

# Square

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



B6CAE7



E7BECA



D6C7AA



A5D1C7

# Rectangle

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



B6CAE7



D6C2DD



D6C7AA



B9CFB3

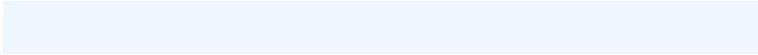


# Sweetspot

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



B6CAE7



F0F6FF



B6E7D3



777A80



000000



808080



# Same Dimension

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



B6CAE7



BFD9FF



BAB6E7



676C73



0049B3



001533



# Inverse Universe

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



E7B6CA



FFBFD9



E3E7B6



73676C



B30049

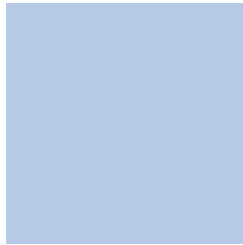


330015



# Previews

## White Background



This preview shows how the Hex color B6CAE7 looks on a white background.

## Color Contrast Check

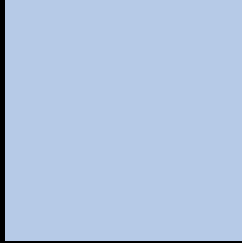
Large Text (above 18pt) WCAG AA × Fail

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 B6CAE7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

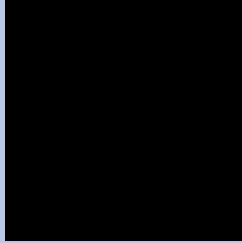
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

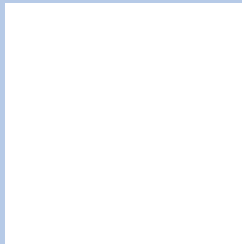
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6CAE7 Background



This preview shows how black text looks on a background with the Hex color B6CAE7.

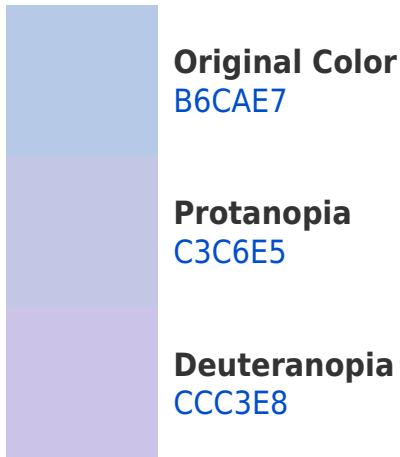


This preview shows how white text looks on a background with the Hex color B6CAE7.

# Color Blindness Simulation

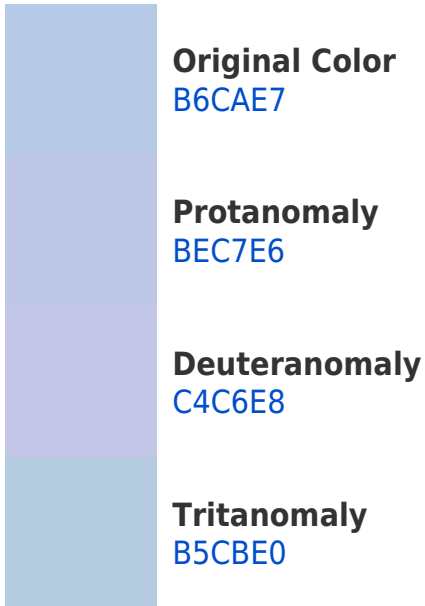
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

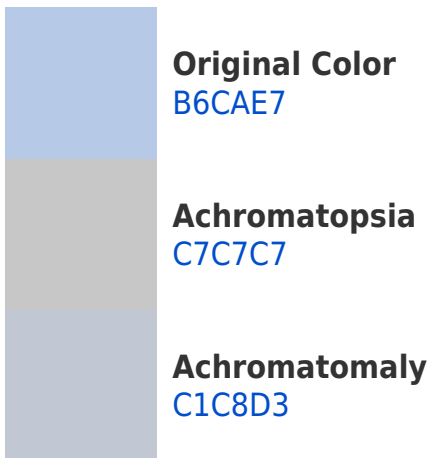




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6CAE7 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 #B6CAE7 looks like.

```
.text, #text, p{  
    color:#B6CAE7  
}
```

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 #B6CAE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6CAE7
}
```

## Border

The CSS property to change the border of an element to Hex B6CAE7 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
#B6CAE7 }
```

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

```
.border{ border-color:#B6CAE7 }
```

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

Here you see how a box with a 4 pixel #B6CAE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6CAE7; -webkit-box-shadow:4px 4px  
4px 4px #B6CAE7; box-shadow:4px 4px 4px  
4px #B6CAE7 }
```

# Background

The CSS property to change the background color of an element to Hex B6CAE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6CAE7 }
```

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

```
.background{ background-color:#B6CAE7 }
```

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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