

# Converting Colors

Hex(B6CCE5)

Have a look what the booklet for  
Hex(B6CCE5) contains.

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# **Color**

**Hex(B6CCE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6CCE5
RGB	182, 204, 229
RGB Percent	71%, 80%, 90%
CMY	0.2863, 0.2000, 0.1020
CMYK	0.21, 0.11, 0.00, 0.10
HSL	212°, 47%, 81%
HSV	212°, 21%, 90%
XYZ	55.0271, 58.7880, 82.5757
YIQ	200.2720, -21.1370, 3.1110

# Conversions

## Conversions Part 2

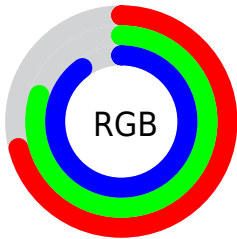
Format	Color
<a href="#">RYB</a>	<a href="#">182, 197, 229</a>
Decimal	<a href="#">11980005</a>
CIELab	<a href="#">81.17, -2.13, -14.84</a>
CIELCh	<a href="#">81, 14.997, 261.825</a>
Yxy	<a href="#">58.7880, 0.2802, 0.2993</a>
Android (android.graphics.Color)	<a href="#">4290170085 (0xFFB6CCE5)</a>
YUV	<a href="#">200.2720, 14.1629, -16.0245</a>
Hunter-Lab	<a href="#">76.6733, -6.0719, -10.1829</a>

# Details

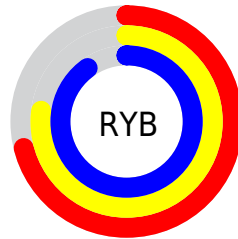
The Hex color **B6CCE5** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E5CFB6**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **EEFFFF**, and **8096AE** is the 20% darker color. If you saturate the color by 10%, you get **9FC0E5**, and if you desaturate by 10%, it is **CDD8E5**.

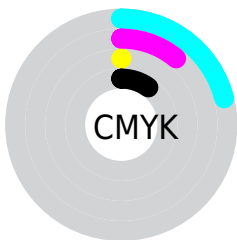
# Distribution



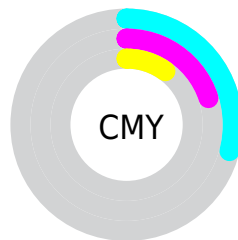
- Red (71%)
- Green (80%)
- Blue (90%)



- Red (71%)
- Yellow (77%)
- Blue (90%)



- Cyan (21%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (29%)
- Magenta (20%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B6CCE5 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 B6CCE5 by changing the saturation by 10% instead.



 B6CCE5

FFFFFF

 EEEFFF

 B6CCE5

 9BB1C9

 8096AE

 677C93

 4E6379

 364B60

 1F3549

 062032

 00071D

 000000

 B6CCE5

 B6CCE5

 9FC0E5

 CDD8E5

 88B4E5

 E4E4E5

 71A7E5

 FBF1E5

 5A9BE5

 FFFDE5

 448FE5

 FFFF E5

 2D83E5

 1677E5

 006BE5

# Harmonies

## Analogous

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



A9D0DF



B6CCE5



C8C7E4

# Triad

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



B6CCE5



E8C0C0



BAD0B8

# Complementary

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



B6CCE5



E5CFB6

# 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.



CACCB0



B6CCE5



E4C3B4

# Square

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



B6CCE5



E4C0CE



D9C7AE



ACD2C5

# Rectangle

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



B6CCE5



D3C4DF



D9C7AE



BFCFB4

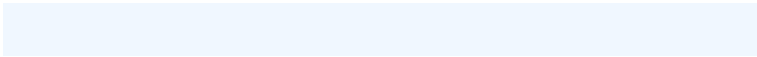


# Sweetspot

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



B6CCE5



F0F7FF



B6E5CE



777B80



000000



808080

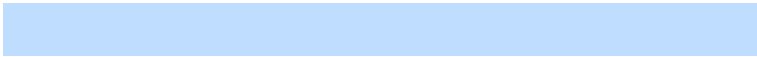


# Same Dimension

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



B6CCE5



BFDDFF



B7B6E5



676D73



0054B3



001833



# Inverse Universe

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



E5B6CC



FFBFDD



E4E5B6



73676D



B30054

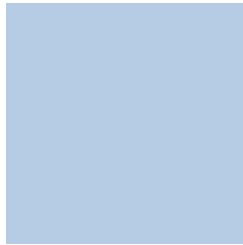


330018



# Previews

## White Background



This preview shows how the Hex color B6CCE5 looks on a white background.

## Color Contrast Check

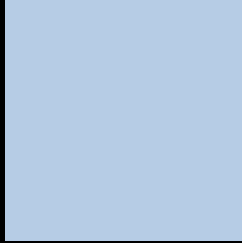
Large Text (above 18pt) WCAG AA × Fail

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 B6CCE5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

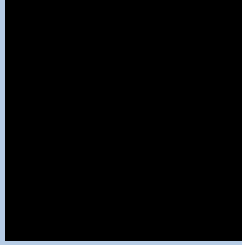
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

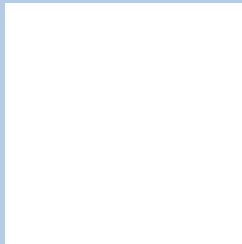
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B6CCE5 Background



This preview shows how black text looks on a background with the Hex color B6CCE5.

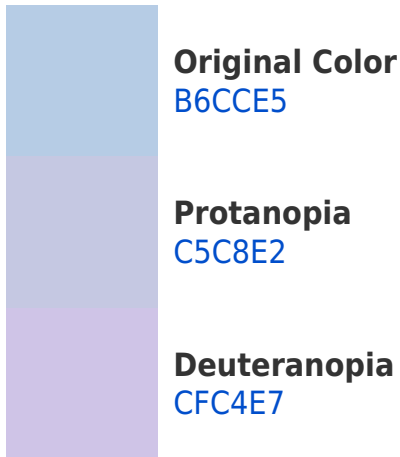


This preview shows how white text looks on a background with the Hex color B6CCE5.

# Color Blindness Simulation

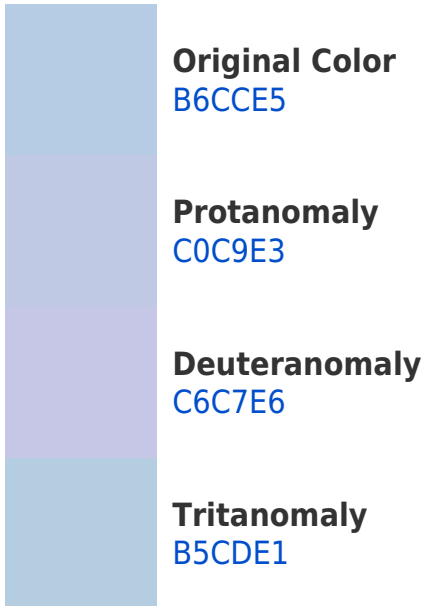
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

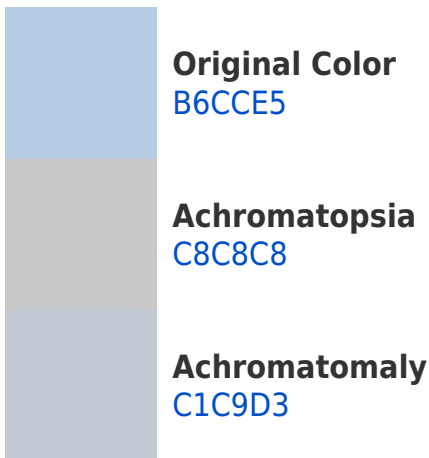




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B6CCE5 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 #B6CCE5 looks like.

```
.text, #text, p{  
    color:#B6CCE5  
}
```

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 #B6CCE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6CCE5
}
```

## Border

The CSS property to change the border of an element to Hex B6CCE5 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
#B6CCE5 }
```

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

```
.border{ border-color:#B6CCE5 }
```

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

Here you see how a box with a 4 pixel #B6CCE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6CCE5; -webkit-box-shadow:4px 4px  
4px 4px #B6CCE5; box-shadow:4px 4px 4px  
4px #B6CCE5 }
```

# Background

The CSS property to change the background color of an element to Hex B6CCE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6CCE5 }
```

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

```
.background{ background-color:#B6CCE5 }
```

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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