

# Converting Colors

Hex(B5BDE1)

Have a look what the booklet for  
Hex(B5BDE1) contains.

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# **Color**

**Hex(B5BDE1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5BDE1
RGB	181, 189, 225
RGB Percent	71%, 74%, 88%
CMY	0.2902, 0.2588, 0.1176
CMYK	0.20, 0.16, 0.00, 0.12
HSL	229°, 42%, 80%
HSV	229°, 20%, 88%
XYZ	50.8443, 51.6552, 78.5248
YIQ	190.7120, -16.3240, 9.5000

# Conversions

## Conversions Part 2

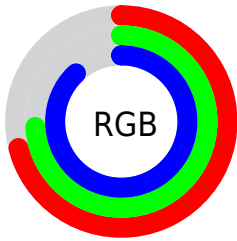
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	181, 188, 225
Decimal	11910625
CIE Lab	77.07, 4.70, -18.88
CIE LCh	77, 19.459, 283.991
Yxy	51.6552, 0.2809, 0.2853
Android (android.graphics.Color)	4290100705 (0xFFB5BDE1)
YUV	190.7120, 16.9040, -8.5174
Hunter-Lab	71.8715, 0.5015, -14.4685

# Details

The Hex color **B5BDE1** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E1D9B5**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **EDF5FF**, and **8088AA** is the 20% darker color. If you saturate the color by 10%, you get **9FABE1**, and if you desaturate by 10%, it is **CCCFE1**.

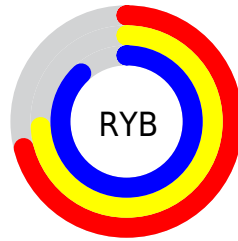
# Distribution



Red (71%)

Green (74%)

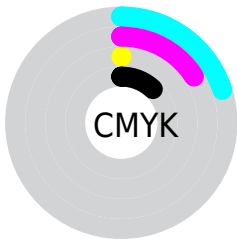
Blue (88%)



Red (71%)

Yellow (74%)

Blue (88%)

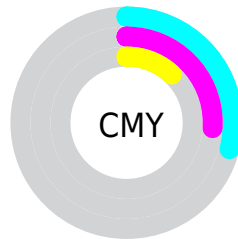


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (12%)



Cyan (29%)

Magenta (26%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5BDE1 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 B5BDE1 by changing the saturation by 10% instead.



 B5BDE1

 B5BDE1

FFFFFF

 9AA2C5


 EDF5FF

 8088AA

 666E8F

 4D5675

 363F5D

 1F2945

 07152F

 00011A

 000000

 B5BDE1

 B5BDE1

 9FABE1

 CCCFE1

 8898E1

 E2E2E1

 7286E1

 F9F4E1


 5B73E1

 FFFFE1

 4561E1

 2E4FE1

 183CE1

 012AE1

 0029E1

# Harmonies

## Analogous

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



9EC3E0



B5BDE1



CCB7D8

# Triad

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



B5BDE1



E1B5A6



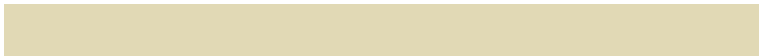
9CC8B4

# Complementary

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



B5BDE1



E1D9B5

# 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.



AFC5A4



B5BDE1



D5BA9C

# Square

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



B5BDE1



E4B2B6



C4C09B



90C9C6

# Rectangle

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



B5BDE1



D8B4CE



C4C09B



A2C7AE



# Sweetspot

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



B5BDE1



F0F2FF



B5E1D9



777880



000000



808080



# Same Dimension

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



B5BDE1



C4CFFF



C3B5E1



656770



0020B0



000930



# Inverse Universe

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



E1B5BD



FFC4CF



D3E1B5



706567



B00020



300009



# Previews

## White Background



This preview shows how the Hex color B5BDE1 looks on a white background.

## Color Contrast Check

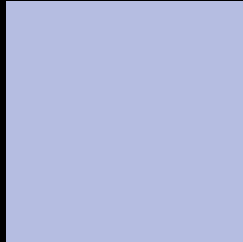
Large Text (above 18pt) WCAG AA × Fail

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 B5BDE1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

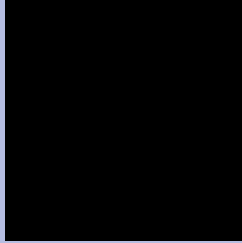
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B5BDE1 Background



This preview shows how black text looks on a background with the Hex color B5BDE1.



This preview shows how white text looks on a background with the Hex color B5BDE1.

# 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



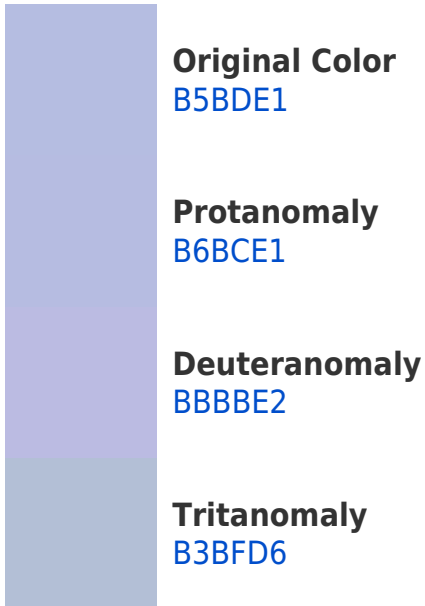
**Original Color**  
B5BDE1

**Protanopia**  
B7BCE1

**Deuteranopia**  
BFBAE2



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5BDE1 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 #B5BDE1 looks like.

```
.text, #text, p{  
    color:#B5BDE1  
}
```

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 #B5BDE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5BDE1  
}
```

## Border

The CSS property to change the border of an element to Hex B5BDE1 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  
#B5BDE1 }
```

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

```
.border{ border-color:#B5BDE1 }
```

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

Here you see how a box with a 4 pixel #B5BDE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5BDE1; -webkit-box-shadow:4px 4px  
4px 4px #B5BDE1; box-shadow:4px 4px 4px  
4px #B5BDE1 }
```

# Background

The CSS property to change the background color of an element to Hex B5BDE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5BDE1 }
```

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

```
.background{ background-color:#B5BDE1 }
```

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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