

# Converting Colors

Hex(B2C1ED)

Have a look what the booklet for  
Hex(B2C1ED) contains.

<b>Hex(B2C1ED)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B2C1ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2C1ED
RGB	178, 193, 237
RGB Percent	70%, 76%, 93%
CMY	0.3020, 0.2431, 0.0706
CMYK	0.25, 0.19, 0.00, 0.07
HSL	225°, 62%, 81%
HSV	225°, 25%, 93%
XYZ	52.7161, 53.7193, 87.7112
YIQ	193.5310, -23.0640, 10.5040

# Conversions

## Conversions Part 2

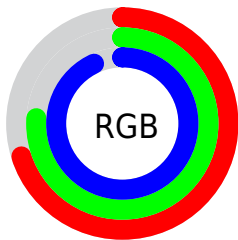
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 190, 237
Decimal	11715053
CIE <sub>Lab</sub>	78.30, 4.35, -23.51
CIE <sub>LCh</sub>	78, 23.909, 280.486
Yxy	53.7193, 0.2715, 0.2767
Android (android.graphics.Color)	4289905133 (0xFFB2C1ED)
YUV	193.5310, 21.4302, -13.6207
Hunter-Lab	73.2935, 0.1220, -19.6476

# Details

The Hex color **B2C1ED** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EDDEB2**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **EAF9FF**, and **7C8CB5** is the 20% darker color. If you saturate the color by 10%, you get **9AAFED**, and if you desaturate by 10%, it is **CAD3ED**.

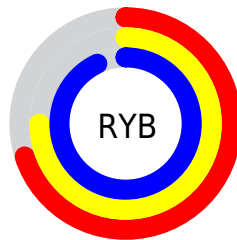
# Distribution



Red (70%)

Green (76%)

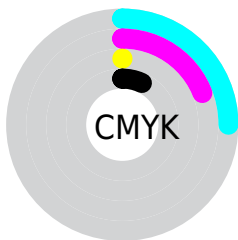
Blue (93%)



Red (70%)

Yellow (75%)

Blue (93%)

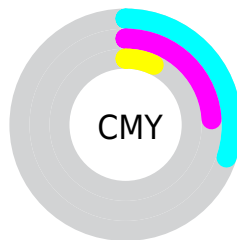


Cyan (25%)

Magenta (19%)

Yellow (0%)

Black (7%)



Cyan (30%)

Magenta (24%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2C1ED 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 B2C1ED by changing the saturation by 10% instead.



 B2C1ED

 B2C1ED

FFFFFF

 97A6D1


 EAF9FF

 7C8CB5

 62729A

 495A80

 314267

 172C4F

 001838

 000222

 000008

 B2C1ED

 B2C1ED

 9AAFED

 CAD3ED

 839EED

 E1E4ED

 6B8CED

 F9F6ED

 537AED

 FFFFED

 3B69ED

 2457ED

 0C45ED

 003CED

# Harmonies

## Analogous

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



95C8EB



B2C1ED



CFB9E4

# Triad

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



B2C1ED



EDB5A6



99CDB2

# Complementary

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



B2C1ED



EDDEB2

# 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.



B1C99F



B2C1ED



E0BB98

# Square

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



B2C1ED



EFB2BB



CAC396



87CEC9

# Rectangle

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



B2C1ED



DFB5D8



CAC396



A1CCAB



# Sweetspot

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



B2C1ED



EDF2FF



B2EDDD



757880



000000



808080



# Same Dimension

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



B2C1ED



B3C6FF



C0B2ED



6A6D75



002EB5



000E36



# Inverse Universe

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



EDB2C1



FFB3C6



DFEDB2



756A6D



B5002E



36000E



# Previews

## White Background



This preview shows how the Hex color B2C1ED looks on a white background.

## Color Contrast Check

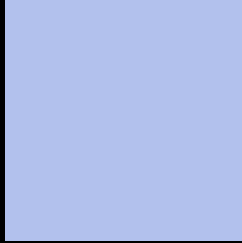
Large Text (above 18pt) WCAG AA × Fail

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 B2C1ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

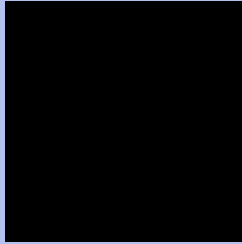
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B2C1ED Background



This preview shows how black text looks on a background with the Hex color B2C1ED.



This preview shows how white text looks on a background with the Hex color B2C1ED.

# 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**  
B2C1ED

**Protanopia**  
B7C0EC

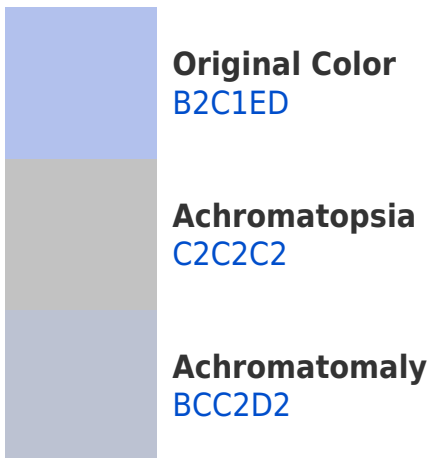
**Deuteranopia**  
BEBDEE



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2C1ED 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 #B2C1ED looks like.

```
.text, #text, p{  
    color:#B2C1ED  
}
```

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 #B2C1ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2C1ED
}
```

## Border

The CSS property to change the border of an element to Hex B2C1ED 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
#B2C1ED }
```

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

```
.border{ border-color:#B2C1ED }
```

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

Here you see how a box with a 4 pixel #B2C1ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2C1ED; -webkit-box-shadow:4px 4px  
4px 4px #B2C1ED; box-shadow:4px 4px 4px  
4px #B2C1ED }
```

# Background

The CSS property to change the background color of an element to Hex B2C1ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2C1ED }
```

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

```
.background{ background-color:#B2C1ED }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor