

Converting Colors

Hex(B2C4E7)

Have a look what the booklet for
Hex(B2C4E7) contains.

Hex(B2C4E7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2C4E7)

Conversions

Conversions Part 1

Format	Color
Hex	B2C4E7
RGB	178, 196, 231
RGB Percent	70%, 77%, 91%
CMY	0.3020, 0.2314, 0.0941
CMYK	0.23, 0.15, 0.00, 0.09
HSL	220°, 52%, 80%
HSV	220°, 23%, 91%
XYZ	52.5238, 54.7144, 83.3939
YIQ	194.6080, -21.9630, 7.0690

Conversions

Conversions Part 2

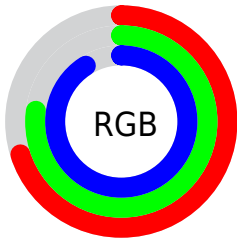
Format	Color
RYB	178, 191, 231
Decimal	11715815
CIELab	78.88, 1.36, -19.41
CIElCh	79, 19.455, 274.000
Yxy	54.7144, 0.2755, 0.2870
Android (android.graphics.Color)	4289905895 (0xFFB2C4E7)
YUV	194.6080, 17.9413, -14.5652
Hunter-Lab	73.9692, -2.6972, -15.0660

Details

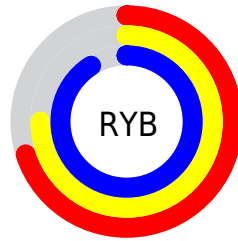
The Hex color **B2C4E7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E7D5B2**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **EAFDFF**, and **7C8EAF** is the 20% darker color. If you saturate the color by 10%, you get **9BB5E7**, and if you desaturate by 10%, it is **C9D3E7**.

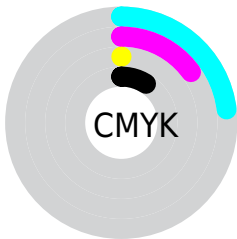
Distribution



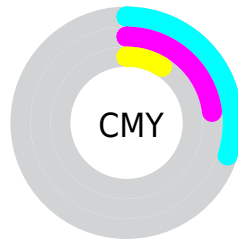
- Red (70%)
- Green (77%)
- Blue (91%)



- Red (70%)
- Yellow (75%)
- Blue (91%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2C4E7 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 B2C4E7 by changing the saturation by 10% instead.

 B2C4E7

 B2C4E7

FFFFFF

 97A9CB

 EAFDFF

 7C8EAF

 637595

 4A5C7B

 324562

 1A2F4A

 001A33

 00021E

 000001

 B2C4E7

 B2C4E7

 9BB5E7

 C9D3E7

 84A5E7

 E0E3E7

 6D96E7

 F7F2E7

 5687E7

 FFFFE7

 3F78E7

 2768E7

 1059E7

 004EE7

Harmonies

Analogous

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



9DC9E3



B2C4E7



CABEE1

Triad

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



B2C4E7



E8B8B0



A7CCB3

Complementary

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



B2C4E7



E7D5B2

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.



BBC8A5



B2C4E7



DFBDA3

Square

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



B2C4E7



E8B7C1



CFC39F



97CEC5

Rectangle

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



B2C4E7



D7BAD9



CFC39F



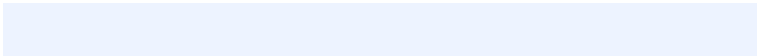
ADCBAE

Sweetspot

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



B2C4E7



EDF3FF



B2E7D4



757980



000000



808080

Same Dimension

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



B2C4E7



B8D0FF



BAB2E7



676B73



003DB3



001133

Inverse Universe

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



E7B2C4



FFB8D0



DFE7B2



73676B



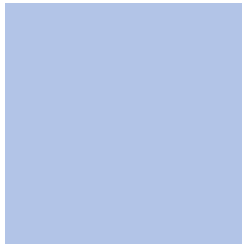
B3003D



330011

Previews

White Background



This preview shows how the Hex color B2C4E7 looks on a white background.

Color Contrast Check

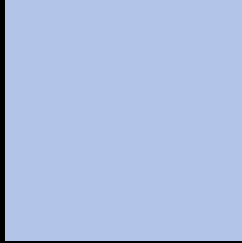
Large Text (above 18pt) WCAG AA × Fail

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 B2C4E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

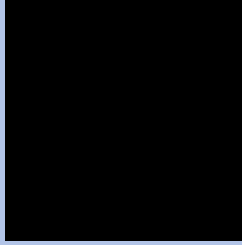
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

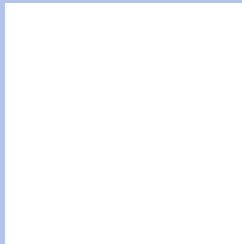
Any Text WCAG AAA ✓ Pass

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

Hex B2C4E7 Background



This preview shows how black text looks on a background with the Hex color B2C4E7.

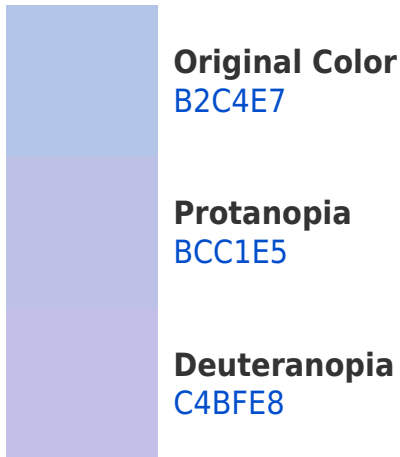


This preview shows how white text looks on a background with the Hex color B2C4E7.

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](#).

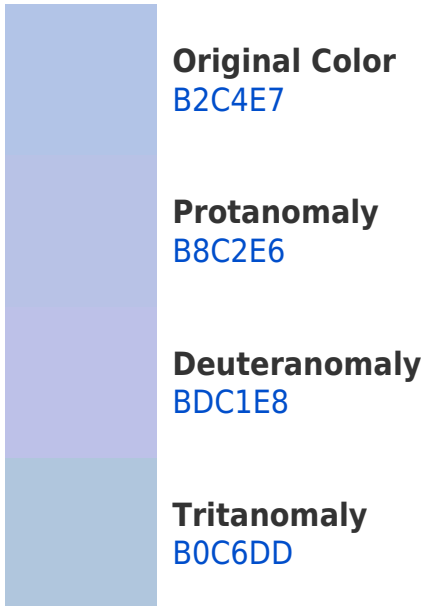
Dichromacy



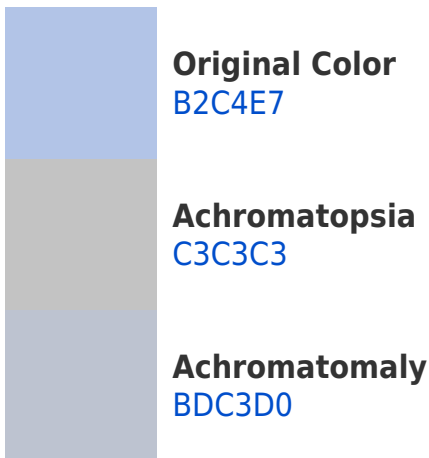


Tritanopia
AFC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2C4E7 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 #B2C4E7 looks like.

```
.text, #text, p{  
    color:#B2C4E7  
}
```

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 #B2C4E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2C4E7
}
```

Border

The CSS property to change the border of an element to Hex B2C4E7 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
#B2C4E7 }
```

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

```
.border{ border-color:#B2C4E7 }
```

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

Here you see how a box with a 4 pixel #B2C4E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2C4E7; -webkit-box-shadow:4px 4px  
4px 4px #B2C4E7; box-shadow:4px 4px 4px  
4px #B2C4E7 }
```

Background

The CSS property to change the background color of an element to Hex B2C4E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2C4E7 }
```

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

```
.background{ background-color:#B2C4E7 }
```

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