

Converting Colors

Hex(B5D1E0)

Have a look what the booklet for
Hex(B5D1E0) contains.

Hex(B5D1E0)	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(B5D1E0)

Conversions

Conversions Part 1

Format	Color
Hex	B5D1E0
RGB	181, 209, 224
RGB Percent	71%, 82%, 88%
CMY	0.2902, 0.1804, 0.1216
CMYK	0.19, 0.07, 0.00, 0.12
HSL	201°, 41%, 79%
HSV	201°, 19%, 88%
XYZ	55.3111, 60.8065, 79.3426
YIQ	202.3380, -21.5030, -1.2710

Conversions

Conversions Part 2

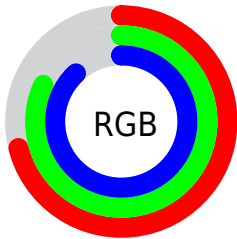
Format	Color
RYB	181, 198, 224
Decimal	11915744
CIELab	82.27, -6.16, -10.54
CIELCh	82, 12.203, 239.699
Yxy	60.8065, 0.2830, 0.3111
Android (android.graphics.Color)	4290105824 (0xFFB5D1E0)
YUV	202.3380, 10.6794, -18.7134
Hunter-Lab	77.9785, -9.8503, -5.7422

Details

The Hex color **B5D1E0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E0C4B5**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **EDFFFF**, and **809BA9** is the 20% darker color. If you saturate the color by 10%, you get **9FC9E0**, and if you desaturate by 10%, it is **CBD9E0**.

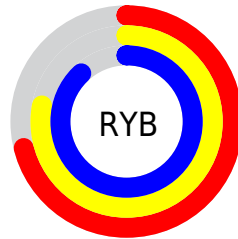
Distribution



Red (71%)

Green (82%)

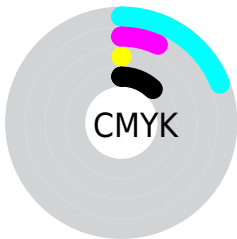
Blue (88%)



Red (71%)

Yellow (78%)

Blue (88%)

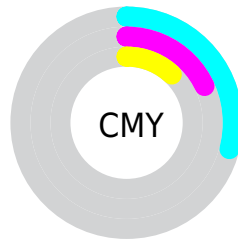


Cyan (19%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (29%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5D1E0 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 B5D1E0 by changing the saturation by 10% instead.

 B5D1E0

 B5D1E0

FFFFFF

 9AB5C4

 EDFFFF

 809BA9

 66818E

 4D6875

 354F5C

 1E3945

 06232E

 000E1A

 000000

 B5D1E0

 B5D1E0

 9FC9E0

 CBD9E0

 88C1E0

 E2E1E0

 72BAE0

 F8E8E0

 5BB2E0

 FFF0E0

 45AAE0

 FFF8E0

 2FA2E0

 FFFF00

 189AE0

 0292E0

 0092E0

Harmonies

Analogous

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



B0D3D8



B5D1E0



C1CEE3

Triad

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



B5D1E0



E4C5CD



C9CFB9

Complementary

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



B5D1E0



E0C4B5

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.



D6CCB6



B5D1E0



E5C6C2

Square

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



B5D1E0



DCC7D8



E0C8B9



BDD2C1

Rectangle

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



B5D1E0



CACBE2



E0C8B9



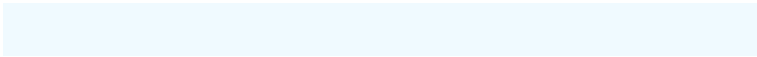
CECEB7

Sweetspot

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



B5D1E0



F0FAFF



B5E0C3



777C80



000000



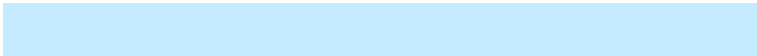
808080

Same Dimension

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



B5D1E0



C4EBFF



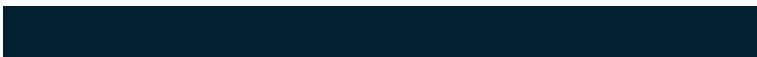
B5BCE0



656C70



0073B0



002030

Inverse Universe

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



E0B5D1



FFC4EB



E0D9B5



70656C



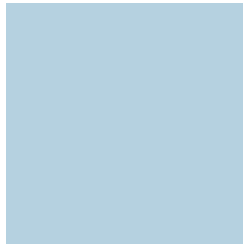
B00073



300020

Previews

White Background



This preview shows how the Hex color B5D1E0 looks on a white background.

Color Contrast Check

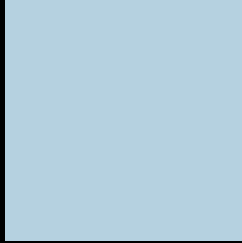
Large Text (above 18pt) WCAG AA × Fail

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 B5D1E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

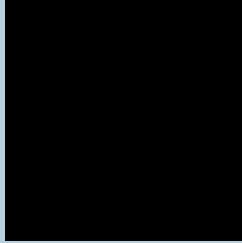
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

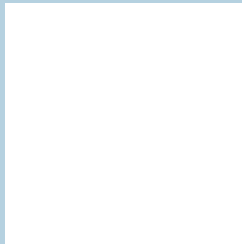
Any Text WCAG AAA ✓ Pass

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

Hex B5D1E0 Background



This preview shows how black text looks on a background with the Hex color B5D1E0.

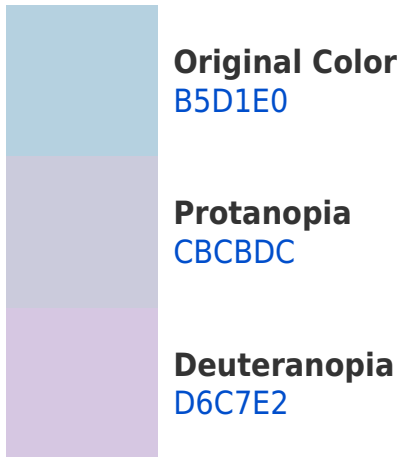


This preview shows how white text looks on a background with the Hex color B5D1E0.

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](#).

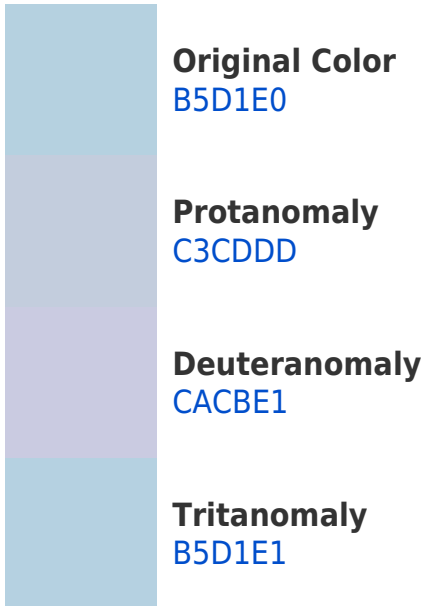
Dichromacy



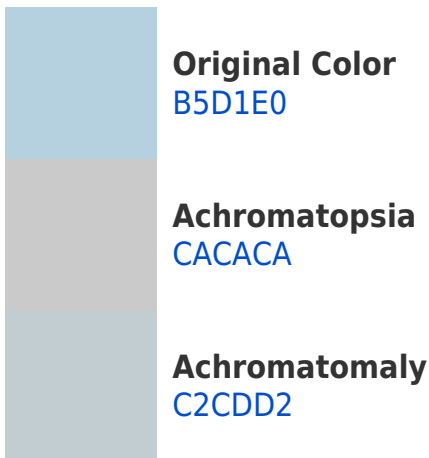


Tritanopia
B5D1E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5D1E0 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 #B5D1E0 looks like.

```
.text, #text, p{  
    color:#B5D1E0  
}
```

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 #B5D1E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D1E0
}
```

Border

The CSS property to change the border of an element to Hex B5D1E0 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
#B5D1E0 }
```

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

```
.border{ border-color:#B5D1E0 }
```

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

Here you see how a box with a 4 pixel #B5D1E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D1E0; -webkit-box-shadow:4px 4px  
4px 4px #B5D1E0; box-shadow:4px 4px 4px  
4px #B5D1E0 }
```

Background

The CSS property to change the background color of an element to Hex B5D1E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D1E0 }
```

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

```
.background{ background-color:#B5D1E0 }
```

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