

Converting Colors

Hex(B5D0E8)

Have a look what the booklet for
Hex(B5D0E8) contains.

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Color

Hex(B5D0E8)

Conversions

Conversions Part 1

Format	Color
Hex	B5D0E8
RGB	181, 208, 232
RGB Percent	71%, 82%, 91%
CMY	0.2902, 0.1843, 0.0902
CMYK	0.22, 0.10, 0.00, 0.09
HSL	208°, 53%, 81%
HSV	208°, 22%, 91%
XYZ	56.1774, 60.7617, 85.1112
YIQ	202.6630, -23.7960, 1.7400

Conversions

Conversions Part 2

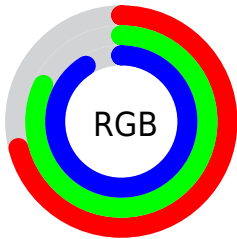
Format	Color
R _{YB}	181, 199, 232
Decimal	11915496
CIE Lab	82.25, -3.88, -14.84
CIE LCh	82, 15.338, 255.328
Yxy	60.7617, 0.2780, 0.3007
Android (android.graphics.Color)	4290105576 (0xFFB5D0E8)
YUV	202.6630, 14.4631, -18.9985
Hunter-Lab	77.9498, -7.7695, -10.1723

Details

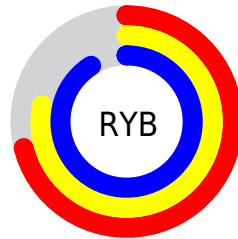
The Hex color **B5D0E8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E8CDB5**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **EDFFFF**, and **7F9AB0** is the 20% darker color. If you saturate the color by 10%, you get **9EC5E8**, and if you desaturate by 10%, it is **CCDBE8**.

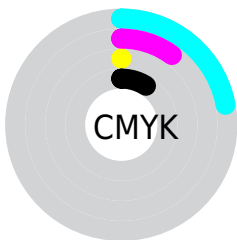
Distribution



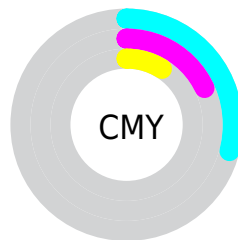
- Red (71%)
- Green (82%)
- Blue (91%)



- Red (71%)
- Yellow (78%)
- Blue (91%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5D0E8 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 B5D0E8 by changing the saturation by 10% instead.

 B5D0E8

 B5D0E8

FFFFFF

 9AB4CC

 EDFFFF

 7F9AB0

 668096

 4D677C

 344F63

 1C384B

 022334

 000D1F

 000004

 B5D0E8

 B5D0E8

 9EC5E8

 CCDBE8

 87BAE8

 E3E6E8

 6FAFE8

 FBF1E8

 58A4E8

 FFFCE8

 4199E8

 FFFF E8

 2A8EE8

 1384E8

 007BE8

Harmonies

Analogous

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



AAD4E0



B5D0E8



C6CBE8

Triad

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



B5D0E8



EBC3C6



C0D2B8

Complementary

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



B5D0E8



E8CDB5

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.



D0CEB1



B5D0E8



E9C5B9

Square

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



B5D0E8



E6C3D4



DFC9B1



B1D5C5

Rectangle

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



B5D0E8



D3C8E4



DFC9B1



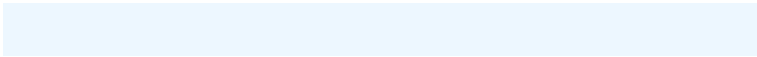
C5D1B5

Sweetspot

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



B5D0E8



EDF7FF



B5E8CD



757B80



000000



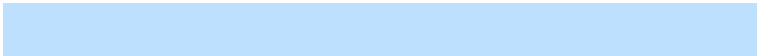
808080

Same Dimension

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



B5D0E8



BDE0FF



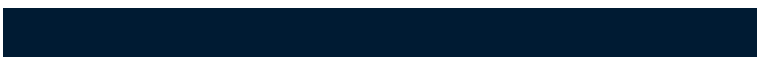
B5B7E8



676D73



005EB3



001B33

Inverse Universe

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



E8B5D0



FFBDE0



E8E6B5



73676D



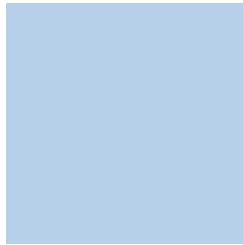
B3005E



33001B

Previews

White Background



This preview shows how the Hex color B5D0E8 looks on a white background.

Color Contrast Check

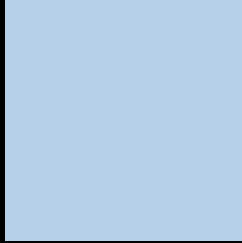
Large Text (above 18pt) WCAG AA × Fail

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 B5D0E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

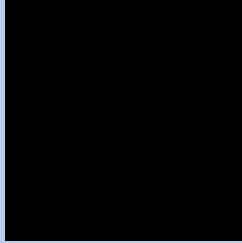
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

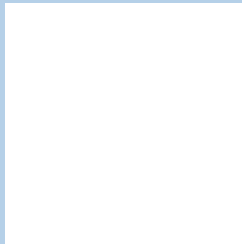
Any Text WCAG AAA ✓ Pass

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

Hex B5D0E8 Background



This preview shows how black text looks on a background with the Hex color B5D0E8.

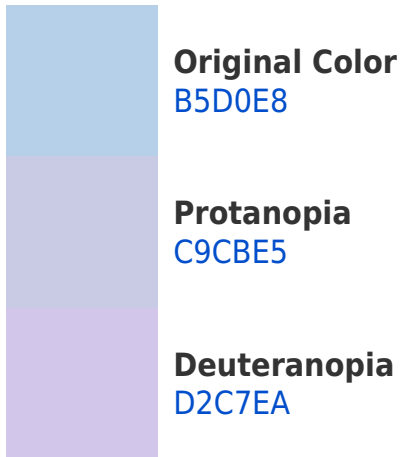


This preview shows how white text looks on a background with the Hex color B5D0E8.

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](#).

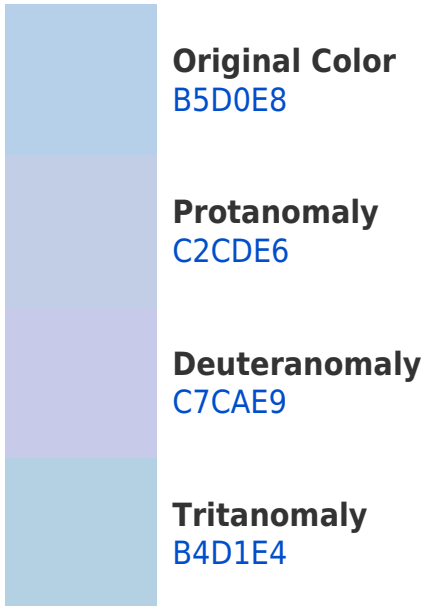
Dichromacy



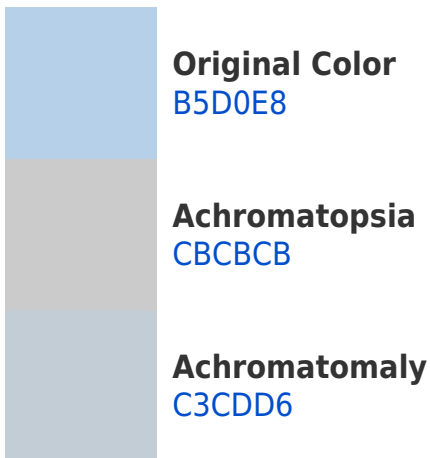


Tritanopia
B4D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5D0E8 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 #B5D0E8 looks like.

```
.text, #text, p{  
    color:#B5D0E8  
}
```

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 #B5D0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D0E8
}
```

Border

The CSS property to change the border of an element to Hex B5D0E8 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
#B5D0E8 }
```

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

```
.border{ border-color:#B5D0E8 }
```

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

Here you see how a box with a 4 pixel #B5D0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D0E8; -webkit-box-shadow:4px 4px  
4px 4px #B5D0E8; box-shadow:4px 4px 4px  
4px #B5D0E8 }
```

Background

The CSS property to change the background color of an element to Hex B5D0E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D0E8 }
```

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

```
.background{ background-color:#B5D0E8 }
```

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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