

Converting Colors

Hex(B5DCE5)

Have a look what the booklet for
Hex(B5DCE5) contains.

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Color

Hex(B5DCE5)

Conversions

Conversions Part 1

Format	Color
Hex	B5DCE5
RGB	181, 220, 229
RGB Percent	71%, 86%, 90%
CMY	0.2902, 0.1373, 0.1020
CMYK	0.21, 0.04, 0.00, 0.10
HSL	191°, 48%, 80%
HSV	191°, 21%, 90%
XYZ	58.7921, 66.6673, 83.8981
YIQ	209.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

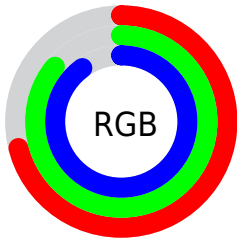
Format	Color
RYB	181, 203, 229
Decimal	11918565
CIELab	85.34, -10.77, -8.64
CIELCh	85, 13.808, 218.730
Yxy	66.6673, 0.2808, 0.3184
Android (android.graphics.Color)	4290108645 (0xFFB5DCE5)
YUV	209.3650, 9.6801, -24.8761
Hunter-Lab	81.6500, -14.3587, -3.7674

Details

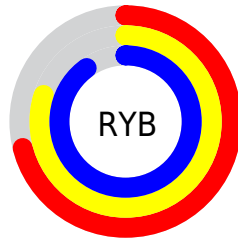
The Hex color **B5DCE5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E5BEB5**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **EDFFFF**, and **7FA5AE** is the 20% darker color. If you saturate the color by 10%, you get **9ED8E5**, and if you desaturate by 10%, it is **CCE0E5**.

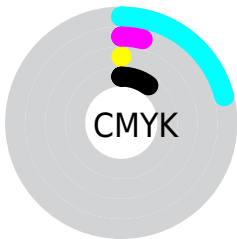
Distribution



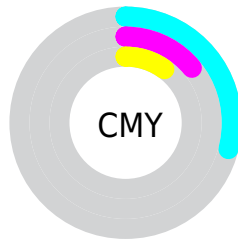
- Red (71%)
- Green (86%)
- Blue (90%)



- Red (71%)
- Yellow (80%)
- Blue (90%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (29%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5DCE5 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 B5DCE5 by changing the saturation by 10% instead.

 B5DCE5

 B5DCE5

FFFFFF

 9AC0C9

 EDFFFF

 7FA5AE

 658B93

 4C7179

 345960

 1C4149

 012B32

 00171D

 000001

 B5DCE5

 B5DCE5

 9ED8E5

 CCE0E5

 87D3E5

 E3E5E5

 70CFE5

 FAE9E5

 59CBE5

 FFEDE5

 42C7E5

 FFF1E5

 2CC2E5

 FFF6E5

 15BEE5

 FFFAE5

 00BAE5

 FFFEE5

 FFFFE5

Harmonies

Analogous

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



B6DDD9



B5DCE5



BDD9ED

Triad

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



B5DCE5



EACDDF



DCD6BC

Complementary

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



B5DCE5



E5BEB5

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.



E9D1BD



B5DCE5



F1CCD2

Square

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



B5DCE5



DDD1EA



F0CEC5



CDD9C1

Rectangle

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



B5DCE5



C7D6EF



F0CEC5



E1D4BB

Sweetspot

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



B5DCE5



F0FCFF



B5E5BE



777E80



000000



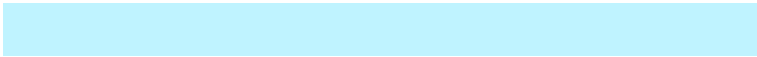
808080

Same Dimension

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



B5DCE5



BFF3FF



B5C4E5



677173



0091B3



002933

Inverse Universe

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



E5B5DC



FFBFF3



E5D6B5



736771



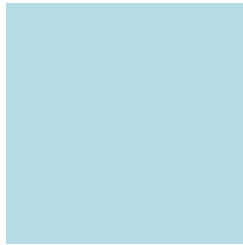
B30091



330029

Previews

White Background



This preview shows how the Hex color B5DCE5 looks on a white background.

Color Contrast Check

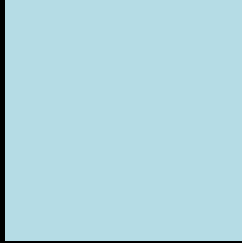
Large Text (above 18pt) WCAG AA × Fail

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 B5DCE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

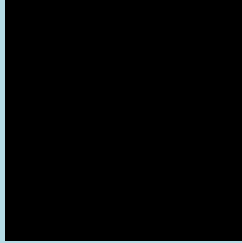
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

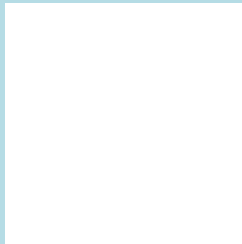
Any Text WCAG AAA ✓ Pass

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

Hex B5DCE5 Background



This preview shows how black text looks on a background with the Hex color B5DCE5.

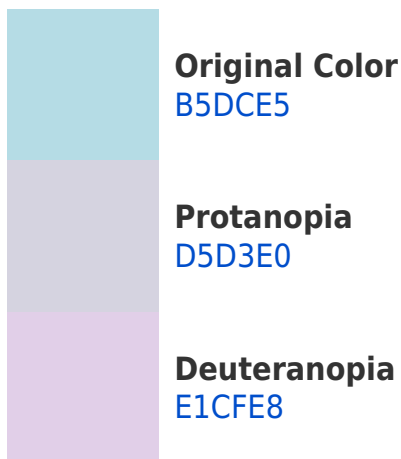


This preview shows how white text looks on a background with the Hex color B5DCE5.

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](#).

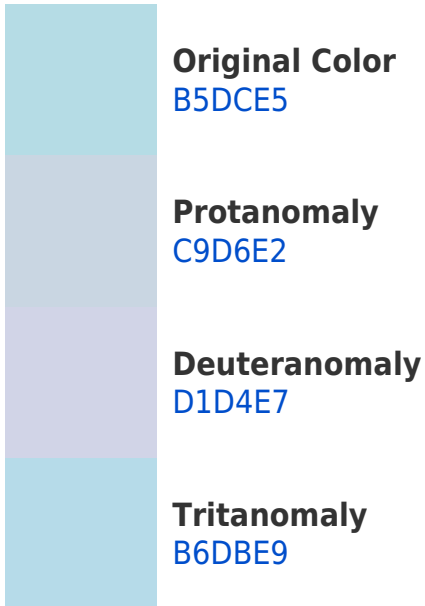
Dichromacy



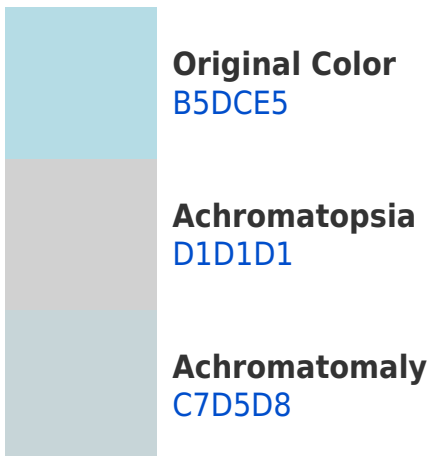


Tritanopia
B6DBEC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5DCE5 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 #B5DCE5 looks like.

```
.text, #text, p{  
    color:#B5DCE5  
}
```

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 #B5DCE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DCE5
}
```

Border

The CSS property to change the border of an element to Hex B5DCE5 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
#B5DCE5 }
```

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

```
.border{ border-color:#B5DCE5 }
```

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

Here you see how a box with a 4 pixel #B5DCE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DCE5; -webkit-box-shadow:4px 4px  
4px 4px #B5DCE5; box-shadow:4px 4px 4px  
4px #B5DCE5 }
```

Background

The CSS property to change the background color of an element to Hex B5DCE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DCE5 }
```

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

```
.background{ background-color:#B5DCE5 }
```

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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