

# Converting Colors

Hex(B5D5EA)

Have a look what the booklet for  
Hex(B5D5EA) contains.

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# **Color**

**Hex(B5D5EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5D5EA
RGB	181, 213, 234
RGB Percent	71%, 84%, 92%
CMY	0.2902, 0.1647, 0.0824
CMYK	0.23, 0.09, 0.00, 0.08
HSL	204°, 56%, 81%
HSV	204°, 23%, 92%
XYZ	57.7016, 63.3528, 87.0290
YIQ	205.8260, -25.8130, -0.2530

# Conversions

## Conversions Part 2

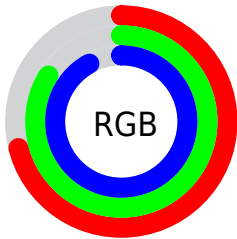
Format	Color
R <sub>Y</sub> B	181, 201, 234
Decimal	11916778
CIE Lab	83.63, -6.06, -13.84
CIE LCh	84, 15.106, 246.349
Yxy	63.3528, 0.2773, 0.3045
Android (android.graphics.Color)	4290106858 (0xFFB5D5EA)
YUV	205.8260, 13.8898, -21.7724
Hunter-Lab	79.5945, -9.8876, -9.1119

# Details

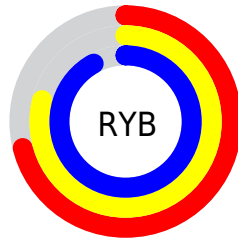
The Hex color **B5D5EA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EACAB5**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **EEFFFF**, and **7F9EB2** is the 20% darker color. If you saturate the color by 10%, you get **9ECCEA**, and if you desaturate by 10%, it is **CCDEEA**.

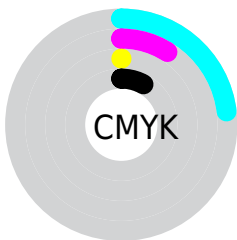
# Distribution



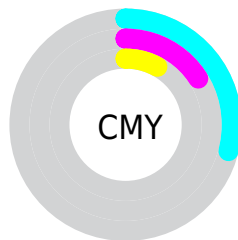
- Red (71%)
- Green (84%)
- Blue (92%)



- Red (71%)
- Yellow (79%)
- Blue (92%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (16%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5D5EA 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 B5D5EA by changing the saturation by 10% instead.



 B5D5EA

 B5D5EA

FFFFFF

 9AB9CE

 EEEFFF


 7F9EB2

 658498

 4C6B7E

 345365

 1B3C4D

 012636

 001221

 000007

 B5D5EA

 B5D5EA

 9ECCEA

 CCDEEA

 86C2EA

 E4E8EA

 6FB9EA

 FBF1EA


 57B0EA

 FFFAEA

 40A7EA

 FFFFEA

 299DEA

 1194EA

 008DEA

# Harmonies

## Analogous

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



ADD8E1



B5D5EA



C5D1EC

# Triad

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



B5D5EA



EEC7CE



C9D5B9

# Complementary

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



B5D5EA



EACAB5

# 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.



D9D0B4



B5D5EA



EEC8C0

# Square

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



B5D5EA



E6C8DC



E6CCB7



B9D8C5

# Rectangle

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



B5D5EA



D1CDEA



E6CCB7



CED3B7

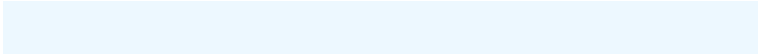


# Sweetspot

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



B5D5EA



EDF8FF



B5EAC9



757B80



000000



808080

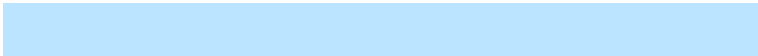


# Same Dimension

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



B5D5EA



BAE4FF



B5BBEA



6A7175



006DB5



002036



# Inverse Universe

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



EAB5D5



FFBAE4



EAE4B5



756A71



B5006D

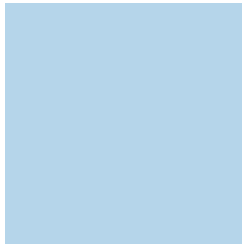


360020



# Previews

## White Background



This preview shows how the Hex color B5D5EA looks on a white background.

## Color Contrast Check

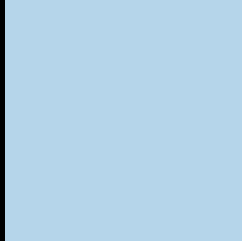
Large Text (above 18pt) WCAG AA × Fail

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 B5D5EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

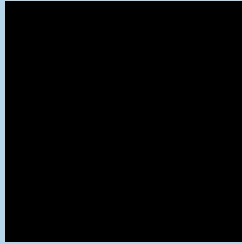
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

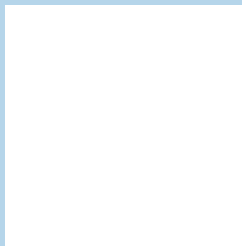
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5D5EA Background



This preview shows how black text looks on a background with the Hex color B5D5EA.

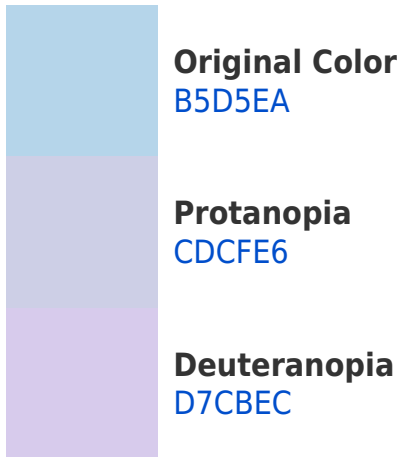


This preview shows how white text looks on a background with the Hex color B5D5EA.

# 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](#).

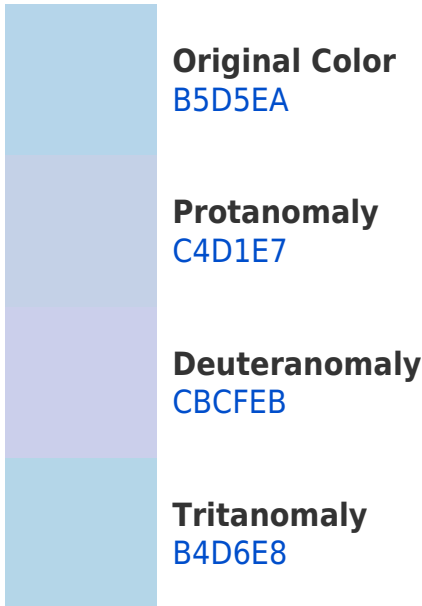
## Dichromacy



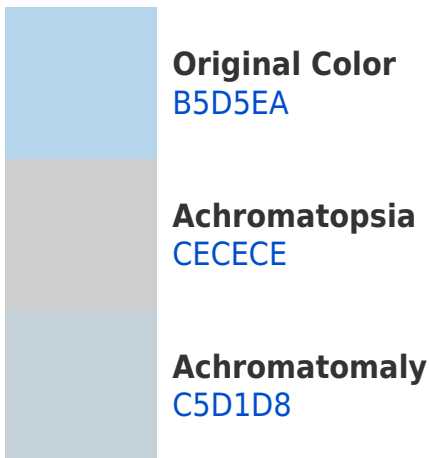


**Tritanopia**  
B4D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5D5EA 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 #B5D5EA looks like.

```
.text, #text, p{  
    color:#B5D5EA  
}
```

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 #B5D5EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5D5EA
}
```

## Border

The CSS property to change the border of an element to Hex B5D5EA 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
#B5D5EA }
```

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

```
.border{ border-color:#B5D5EA }
```

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

Here you see how a box with a 4 pixel #B5D5EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5D5EA; -webkit-box-shadow:4px 4px  
4px 4px #B5D5EA; box-shadow:4px 4px 4px  
4px #B5D5EA }
```

# Background

The CSS property to change the background color of an element to Hex B5D5EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5D5EA }
```

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

```
.background{ background-color:#B5D5EA }
```

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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