

# Converting Colors

Hex(B5E7D4)

Have a look what the booklet for  
Hex(B5E7D4) contains.

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# **Color**

**Hex(B5E7D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5E7D4
RGB	181, 231, 212
RGB Percent	71%, 91%, 83%
CMY	0.2902, 0.0941, 0.1686
CMYK	0.22, 0.00, 0.08, 0.09
HSL	157°, 51%, 81%
HSV	157°, 22%, 91%
XYZ	59.5156, 71.7291, 72.9956
YIQ	213.8840, -23.7010, -16.5090

# Conversions

## Conversions Part 2

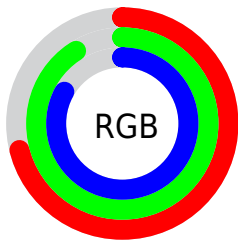
Format	Color
<a href="#">RYB</a>	<a href="#">181, 212, 231</a>
Decimal	<a href="#">11921364</a>
CIELab	<a href="#">87.84, -19.82, 3.99</a>
CIElCh	<a href="#">88, 20.214, 168.619</a>
Yxy	<a href="#">71.7291, 0.2914, 0.3512</a>
Android (android.graphics.Color)	<a href="#">4290111444 (0xFFB5E7D4)</a>
YUV	<a href="#">213.8840, -0.9288, -28.8393</a>
Hunter-Lab	<a href="#">84.6930, -22.7769, 8.1839</a>

# Details

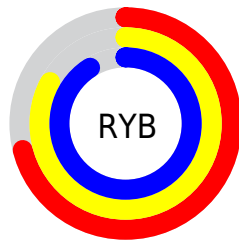
The Hex color **B5E7D4** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E7B5C8**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **EEFFFF**, and **7FAF9D** is the 20% darker color. If you saturate the color by 10%, you get **9EE7CB**, and if you desaturate by 10%, it is **CCE7DD**.

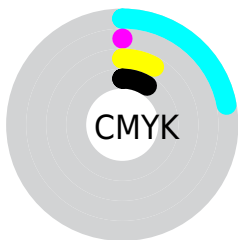
# Distribution



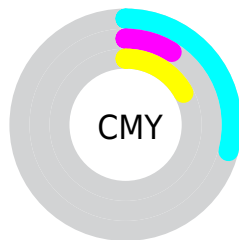
- Red (71%)
- Green (91%)
- Blue (83%)



- Red (71%)
- Yellow (83%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5E7D4 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 B5E7D4 by changing the saturation by 10% instead.



 B5E7D4

 B5E7D4

FFFFFF

 9ACBB8

 EEEFFF

 7FAF9D

 659583

 4C7B6A

 346252

 1C4A3B

 013325

 001E11

 000000

 B5E7D4

 B5E7D4

 9EE7CB

 CCE7DD

 87E7C2

 E3E7E6

 70E7BA

 FAE7EE

 59E7B1

 FFE7F7

 42E7A8

 FFE7FF

 2AE79F

 13E797

 00E78F

# Harmonies

## Analogous

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



C9E4C2



B5E7D4



AAE7E8

# Triad

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



B5E7D4



D6DAFF



FFD3C0

# Complementary

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



B5E7D4



E7B5C8

# 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.



FFCFD1



B5E7D4



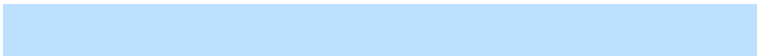
EED4F6

# Square

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



B5E7D4



BEE0FF



FFD0E4



F3D8B7

# Rectangle

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



B5E7D4



AAE6F3



FFD0E4



FFD1C5



# Sweetspot

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



B5E7D4



F0FFF9



C8E7B5



77807C



000000



808080

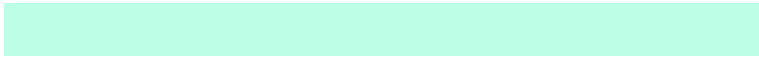


# Same Dimension

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



B5E7D4



BDFFE6



B5E1E7



67736E



00B36F



003320



# Inverse Universe

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



E7B5C8



FFBDD6



E7BBB5



73676C



B30044

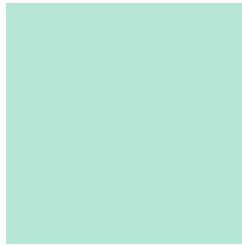


330013



# Previews

## White Background



This preview shows how the Hex color B5E7D4 looks on a white background.

## Color Contrast Check

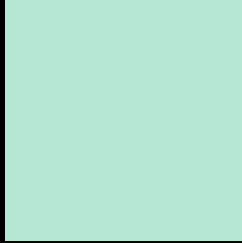
Large Text (above 18pt) WCAG AA × Fail

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 B5E7D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

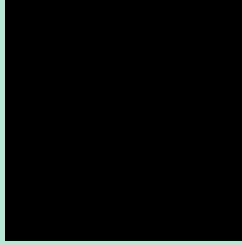
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

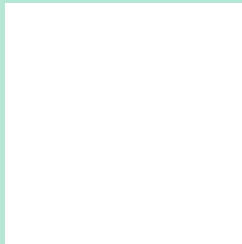
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5E7D4 Background



This preview shows how black text looks on a background with the Hex color B5E7D4.

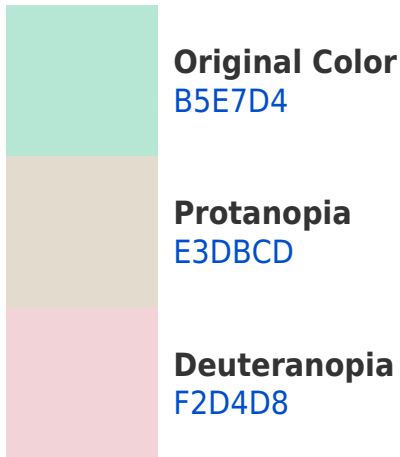


This preview shows how white text looks on a background with the Hex color B5E7D4.

# 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



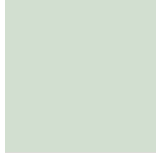


**Tritanopia**  
BBE2F4

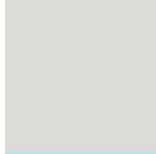
# Trichromacy



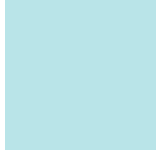
**Original Color**  
B5E7D4



**Protanomaly**  
D2DFD0

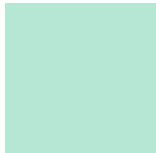


**Deuteranomaly**  
DCDBD7

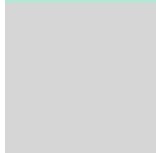


**Tritanomaly**  
B9E4E8

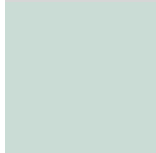
# Monochromacy



**Original Color**  
B5E7D4



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
CADCD5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5E7D4 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 #B5E7D4 looks like.

```
.text, #text, p{  
    color:#B5E7D4  
}
```

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 #B5E7D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5E7D4
}
```

## Border

The CSS property to change the border of an element to Hex B5E7D4 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
#B5E7D4 }
```

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

```
.border{ border-color:#B5E7D4 }
```

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

Here you see how a box with a 4 pixel #B5E7D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5E7D4; -webkit-box-shadow:4px 4px  
4px 4px #B5E7D4; box-shadow:4px 4px 4px  
4px #B5E7D4 }
```

# Background

The CSS property to change the background color of an element to Hex B5E7D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5E7D4 }
```

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

```
.background{ background-color:#B5E7D4 }
```

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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