

Converting Colors

Hex(B5DEB7)

Have a look what the booklet for
Hex(B5DEB7) contains.

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Color

Hex(B5DEB7)

Conversions

Conversions Part 1

Format	Color
Hex	B5DEB7
RGB	181, 222, 183
RGB Percent	71%, 87%, 72%
CMY	0.2902, 0.1294, 0.2824
CMYK	0.18, 0.00, 0.18, 0.13
HSL	123°, 38%, 79%
HSV	123°, 18%, 87%
XYZ	53.7246, 65.4852, 54.6081
YIQ	205.2950, -11.9170, -20.8210

Conversions

Conversions Part 2

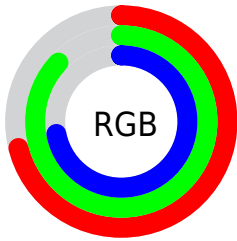
Format	Color
RYB	181, 220, 222
Decimal	11919031
CIELab	84.73, -20.78, 14.78
CIELCh	85, 25.501, 144.590
Yxy	65.4852, 0.3091, 0.3767
Android (android.graphics.Color)	4290109111 (0xFFB5DEB7)
YUV	205.2950, -10.9914, -21.3067
Hunter-Lab	80.9229, -23.1093, 16.6362

Details

The Hex color **B5DEB7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DEB5DC**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **EDFFEF**, and **80A782** is the 20% darker color. If you saturate the color by 10%, you get **9FDEA2**, and if you desaturate by 10%, it is **CBDECC**.

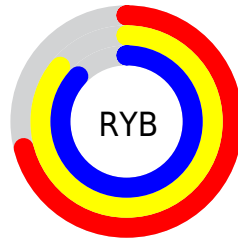
Distribution



Red (71%)

Green (87%)

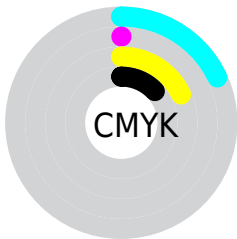
Blue (72%)



Red (71%)

Yellow (86%)

Blue (87%)

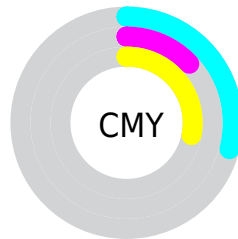


Cyan (18%)

Magenta (0%)

Yellow (18%)

Black (13%)



Cyan (29%)

Magenta (13%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5DEB7 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 B5DEB7 by changing the saturation by 10% instead.

 B5DEB7

FFFFFF

 EDFFEF

 B5DEB7

 9AC29C

 80A782

 668C69

 4D7351

 365A39

 1E4224

 072C0F

 001900

 000000

 B5DEB7

 B5DEB7

 9FDEA2

 CBDECC

 89DE8D

 E1DEE1

 72DE78

 F8DEF6

 5CDE63

 FFDEFF

 46DE4D

 30DE38

 1ADE23

 03DE0E

 00DE0B

Harmonies

Analogous

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



D1D8A7



B5DEB7



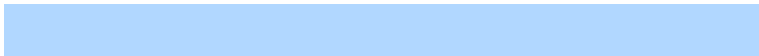
9DE1CE

Triad

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



B5DEB7



B1D7FF



FFC3C1

Complementary

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



B5DEB7



DEB5DC

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.



FFC3D9



B5DEB7



D2CFFF

Square

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



B5DEB7



98DDFA



EFC7F0



FDC9AD

Rectangle

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



B5DEB7



92E1DF



EFC7F0



FFC3C8

Sweetspot

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



B5DEB7



F0FFF0



DDDEB5



778077



000000



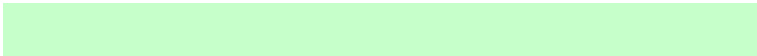
808080

Same Dimension

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



B5DEB7



C7FFCA



B5DECB



657066



00B009



003002

Inverse Universe

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



DEB5DC



FFC7FC



DEB5C8



706570



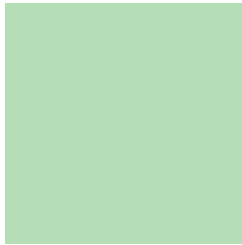
B000A7



30002E

Previews

White Background



This preview shows how the Hex color B5DEB7 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 B5DEB7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

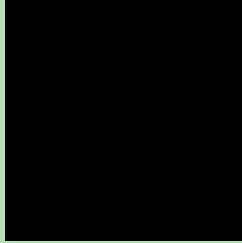
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

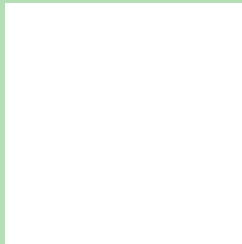
Any Text WCAG AAA ✓ Pass

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

Hex B5DEB7 Background



This preview shows how black text looks on a background with the Hex color B5DEB7.

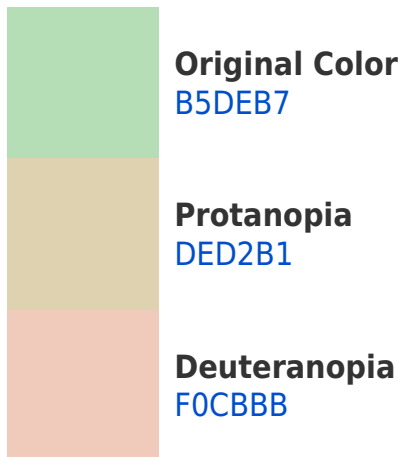


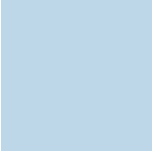
This preview shows how white text looks on a background with the Hex color B5DEB7.

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



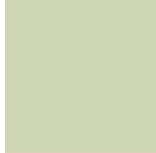


Tritanopia
BDD7E8

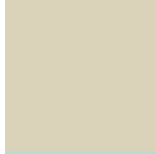
Trichromacy



Original Color
B5DEB7



Protanomaly
CFD6B3



Deuteranomaly
DBD2BA

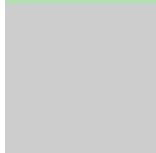


Tritanomaly
BADAD6

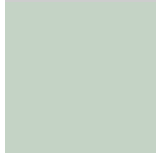
Monochromacy



Original Color
B5DEB7



Achromatopsia
CDCDCD



Achromatomaly
C4D3C5

CSS Examples

Text

The CSS property to change the color of the text to Hex B5DEB7 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 #B5DEB7 looks like.

```
.text, #text, p{  
    color:#B5DEB7  
}
```

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 #B5DEB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DEB7  
}
```

Border

The CSS property to change the border of an element to Hex B5DEB7 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  
#B5DEB7 }
```

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

```
.border{ border-color:#B5DEB7 }
```

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

Here you see how a box with a 4 pixel #B5DEB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DEB7; -webkit-box-shadow:4px 4px  
4px 4px #B5DEB7; box-shadow:4px 4px 4px  
4px #B5DEB7 }
```

Background

The CSS property to change the background color of an element to Hex B5DEB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DEB7 }
```

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

```
.background{ background-color:#B5DEB7 }
```

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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