

Converting Colors

Hex(B5DDB7)

Have a look what the booklet for
Hex(B5DDB7) contains.

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Color

Hex(B5DDB7)

Conversions

Conversions Part 1

Format	Color
Hex	B5DDB7
RGB	181, 221, 183
RGB Percent	71%, 87%, 72%
CMY	0.2902, 0.1333, 0.2824
CMYK	0.18, 0.00, 0.17, 0.13
HSL	123°, 37%, 79%
HSV	123°, 18%, 87%
XYZ	53.4598, 64.9556, 54.5198
YIQ	204.7080, -11.6420, -20.2980

Conversions

Conversions Part 2

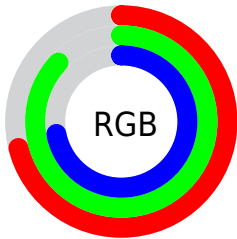
Format	Color
R _Y B	181, 219, 221
Decimal	11918775
CIE Lab	84.46, -20.29, 14.39
CIE LCh	84, 24.877, 144.652
Yxy	64.9556, 0.3091, 0.3756
Android (android.graphics.Color)	4290108855 (0xFFB5DDB7)
YUV	204.7080, -10.7020, -20.7919
Hunter-Lab	80.5950, -22.6398, 16.3088

Details

The Hex color **B5DDB7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DDB5DB**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **EDFFEF**, and **80A682** is the 20% darker color. If you saturate the color by 10%, you get **9FDDA2**, and if you desaturate by 10%, it is **CBDDCC**.

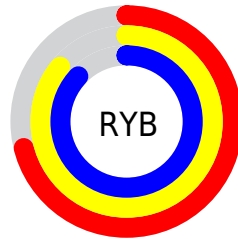
Distribution



Red (71%)

Green (87%)

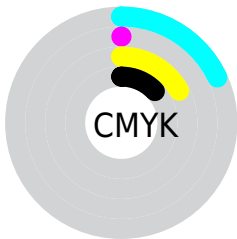
Blue (72%)



Red (71%)

Yellow (86%)

Blue (87%)

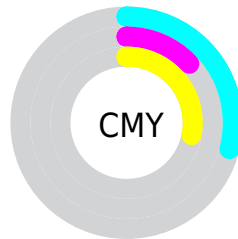


Cyan (18%)

Magenta (0%)

Yellow (17%)

Black (13%)



Cyan (29%)

Magenta (13%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5DDB7 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 B5DDB7 by changing the saturation by 10% instead.

 B5DDB7

FFFFFF

 EDFFE7

 B5DDB7

 9AC19C

 80A682

 668B69

 4D7251

 365939

 1F4124

 072B0F

 001800

 000000

 B5DDB7

 B5DDB7

 9FDDA2

 CBDDCC

 89DD8D

 E1DDE1

 73DD78

 F7DDF6

 5DDD63

 FFDDFF

 47DD4E

 30DD39

 1ADD24

 04DD0F

 00DD0B

Harmonies

Analogous

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



D0D7A8



B5DDB7



9DE0CE

Triad

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



B5DDB7



B2D6FF



FFC3C0

Complementary

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



B5DDB7



DDB5DB

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.



FFC2D8



B5DDB7



D1CEFD

Square

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



B5DDB7



99DCF8



EDC7EE



FBC8AD

Rectangle

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



B5DDB7



94E0DE



EDC7EE



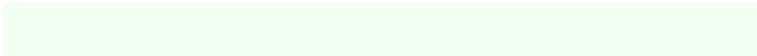
FFC2C8

Sweetspot

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



B5DDB7



F2FFF3



DBDDB5



788078



000000



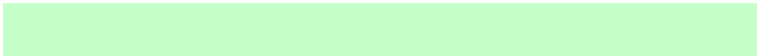
808080

Same Dimension

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



B5DDB7



C7FFCA



B5DDCB



636E63



00AD09



002E02

Inverse Universe

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



DDB5DB



FFC7FC



DDB5C7



6E636D



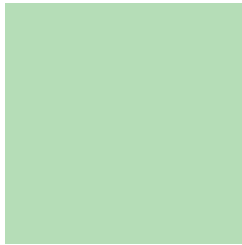
AD00A5



2E002C

Previews

White Background



This preview shows how the Hex color B5DDB7 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 B5DDB7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

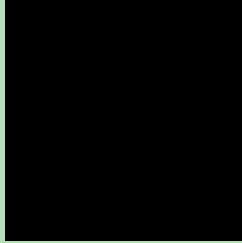
Any Text WCAG AA ✓ Pass

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 B5DDB7 Background



This preview shows how black text looks on a background with the Hex color B5DDB7.

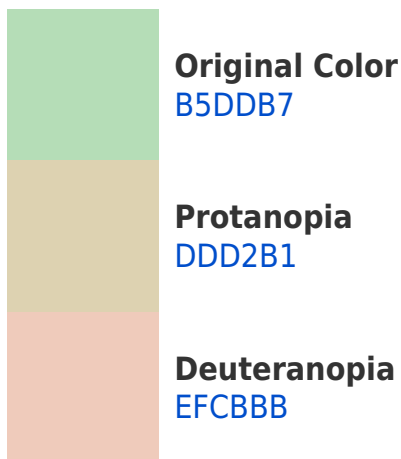


This preview shows how white text looks on a background with the Hex color B5DDB7.

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



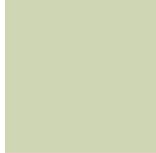


Tritanopia
BDD6E7

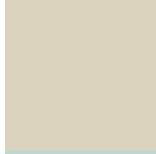
Trichromacy



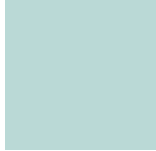
Original Color
B5DDB7



Protanomaly
CED6B3



Deuteranomaly
DAD2BA

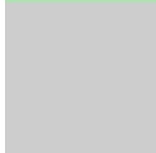


Tritanomaly
BAD9D6

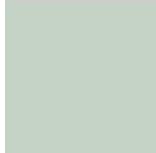
Monochromacy



Original Color
B5DDB7



Achromatopsia
CDCDCD



Achromatomaly
C4D3C5

CSS Examples

Text

The CSS property to change the color of the text to Hex B5DDB7 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 #B5DDB7 looks like.

```
.text, #text, p{  
    color:#B5DDB7  
}
```

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 #B5DDB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5DDB7
}
```

Border

The CSS property to change the border of an element to Hex B5DDB7 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
#B5DDB7 }
```

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

```
.border{ border-color:#B5DDB7 }
```

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

Here you see how a box with a 4 pixel #B5DDB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5DDB7; -webkit-box-shadow:4px 4px  
4px 4px #B5DDB7; box-shadow:4px 4px 4px  
4px #B5DDB7 }
```

Background

The CSS property to change the background color of an element to Hex B5DDB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5DDB7 }
```

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

```
.background{ background-color:#B5DDB7 }
```

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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