

Converting Colors

Hex(B7D6B3)

Have a look what the booklet for
Hex(B7D6B3) contains.

Hex(B7D6B3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B7D6B3)

Conversions

Conversions Part 1

Format	Color
Hex	B7D6B3
RGB	183, 214, 179
RGB Percent	72%, 84%, 70%
CMY	0.2824, 0.1608, 0.2980
CMYK	0.14, 0.00, 0.16, 0.16
HSL	113°, 30%, 77%
HSV	113°, 16%, 84%
XYZ	51.7117, 61.4151, 51.7766
YIQ	200.7410, -7.2410, -17.4570

Conversions

Conversions Part 2

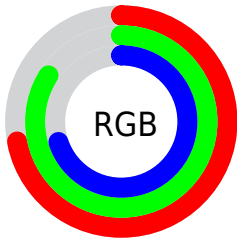
Format	Color
R_{YB}	179, 214, 210
Decimal	12048051
CIE _{Lab}	82.60, -16.82, 13.90
CIE _{LCh}	83, 21.821, 140.446
Yxy	61.4151, 0.3136, 0.3724
Android (android.graphics.Color)	4290238131 (0xFFB7D6B3)
YUV	200.7410, -10.7183, -15.5589
Hunter-Lab	78.3678, -19.3588, 15.6853

Details

The Hex color **B7D6B3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D2B3D6**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **EFFFEB**, and **829F7E** is the 20% darker color. If you saturate the color by 10%, you get **A4D69E**, and if you desaturate by 10%, it is **CAD6C8**.

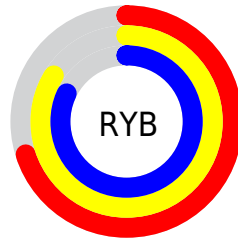
Distribution



Red (72%)

Green (84%)

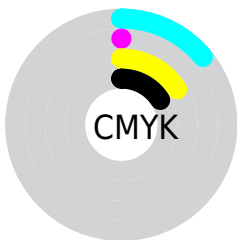
Blue (70%)



Red (70%)

Yellow (84%)

Blue (82%)

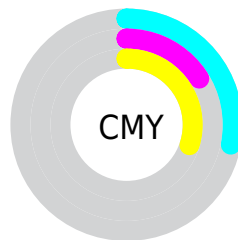


Cyan (14%)

Magenta (0%)

Yellow (16%)

Black (16%)



Cyan (28%)

Magenta (16%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7D6B3 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 B7D6B3 by changing the saturation by 10% instead.

 B7D6B3

 B7D6B3

FFFFFF

 9CBA98

 EFFFEB

 829F7E

 688565

 506C4D

 385336

 223C21

 0D260B

 001100

 000000

 B7D6B3

 B7D6B3

 A4D69E

 CAD6C8

 91D688

 DDD6DE

 7ED673

 F0D6F3

 6BD65D

 FFD6FF

 58D648

 45D633

 32D61D

 1FD608

 18D600

Harmonies

Analogous

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



CFD1A7



B7D6B3



A2D9C6

Triad

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



B7D6B3



AED1F5



F9C0C0

Complementary

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



B7D6B3



D2B3D6

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.



F3C0D5



B7D6B3



C9CBF4

Square

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



B7D6B3



9BD7EC



E2C4E8



F3C4AF

Rectangle

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



B7D6B3



99DAD4



E2C4E8



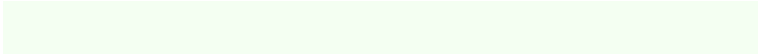
F8BFC7

Sweetspot

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



B7D6B3



F4FFF2



D6D2B3



798078



000000



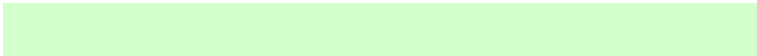
808080

Same Dimension

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



B7D6B3



D2FFCC



B3D6C0



626B60



14AB00



052B00

Inverse Universe

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



D2B3D6



F9CCFF



D6B3C9



6A606B



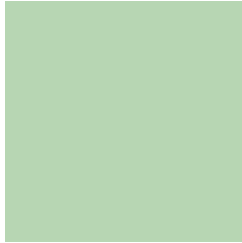
9700AB



26002B

Previews

White Background



This preview shows how the Hex color B7D6B3 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 B7D6B3 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 B7D6B3 Background



This preview shows how black text looks on a background with the Hex color B7D6B3.

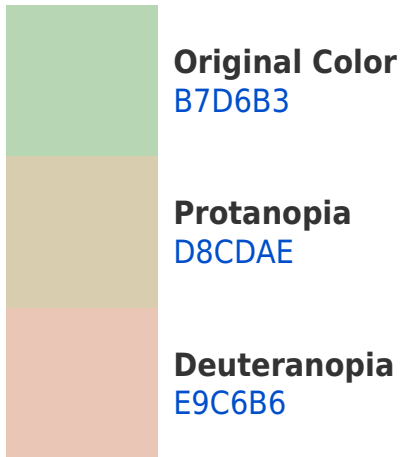


This preview shows how white text looks on a background with the Hex color B7D6B3.

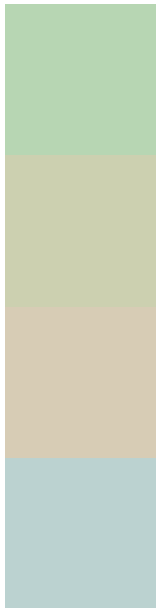
Color Blindness Simulation

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



Trichromacy



Original Color
B7D6B3

Protanomaly
CCD0B0

Deuteranomaly
D7CCB5

Tritanomaly
BBD2D0

Monochromacy



Original Color
B7D6B3

Achromatopsia
C9C9C9

Achromatomaly
C2CEC1

CSS Examples

Text

The CSS property to change the color of the text to Hex B7D6B3 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 #B7D6B3 looks like.

```
.text, #text, p{  
    color:#B7D6B3  
}
```

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 #B7D6B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7D6B3
}
```

Border

The CSS property to change the border of an element to Hex B7D6B3 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
#B7D6B3 }
```

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

```
.border{ border-color:#B7D6B3 }
```

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

Here you see how a box with a 4 pixel #B7D6B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7D6B3; -webkit-box-shadow:4px 4px  
4px 4px #B7D6B3; box-shadow:4px 4px 4px  
4px #B7D6B3 }
```

Background

The CSS property to change the background color of an element to Hex B7D6B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7D6B3 }
```

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

```
.background{ background-color:#B7D6B3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor