

Converting Colors

Hex(B3D7A6)

Have a look what the booklet for
Hex(B3D7A6) contains.

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Color

Hex(**B3D7A6**)

Conversions

Conversions Part 1

Format	Color
Hex	B3D7A6
RGB	179, 215, 166
RGB Percent	70%, 84%, 65%
CMY	0.2980, 0.1569, 0.3490
CMYK	0.17, 0.00, 0.23, 0.16
HSL	104°, 38%, 75%
HSV	104°, 23%, 84%
XYZ	49.7738, 60.9378, 45.2152
YIQ	198.6500, -5.7270, -22.8710

Conversions

Conversions Part 2

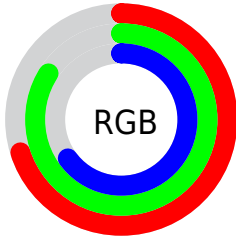
Format	Color
RYB	166, 215, 202
Decimal	11786150
CIELab	82.35, -20.88, 20.35
CIELCh	82, 29.158, 135.745
Yxy	60.9378, 0.3192, 0.3908
Android (android.graphics.Color)	4289976230 (0xFFB3D7A6)
YUV	198.6500, -16.0965, -17.2331
Hunter-Lab	78.0626, -22.7956, 20.3021

Details

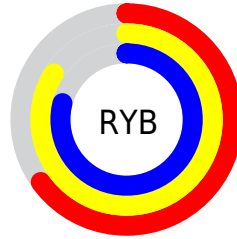
The Hex color **B3D7A6** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CAA6D7**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **EBFFDD**, and **7EA072** is the 20% darker color. If you saturate the color by 10%, you get **A3D791**, and if you desaturate by 10%, it is **C3D7BC**.

Distribution



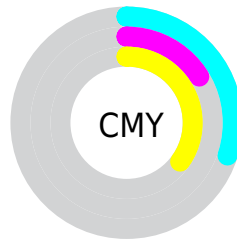
- Red (70%)
- Green (84%)
- Blue (65%)



- Red (65%)
- Yellow (84%)
- Blue (79%)



- Cyan (17%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)



- Cyan (30%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3D7A6 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 B3D7A6 by changing the saturation by 10% instead.

 B3D7A6

 B3D7A6

FFFFFF

 98BB8C

 EBFFDD

 7EA072

 FFFFFA


 648659

 4C6C41

 34542B

 1D3D15

 092600

 000F00

 000000

 B3D7A6

 B3D7A6

 A3D791

 C3D7BC

 93D77B

 D3D7D1

 84D766

 E2D7E7

 74D750

 F2D7FC

 64D73B

 FFD7FF

 54D725

 44D710

 39D700

Harmonies

Analogous

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



D2D098



B3D7A6



95DBBE

Triad

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



B3D7A6



9AD3FF



FFB9BF

Complementary

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



B3D7A6



CAA6D7

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.



FBBADB



B3D7A6



BFCAFF

Square

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



B3D7A6



7FDAF3



E3C1F3



FFBEA7

Rectangle

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



B3D7A6



84DCD1



E3C1F3



FFB9C8

Sweetspot

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



B3D7A6



F2FFED



D7CAA6



788075



000000



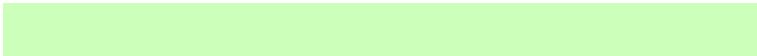
808080

Same Dimension

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



B3D7A6



CCFFBA



A6D7B1



636B60



2DAB00



0C2B00

Inverse Universe

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



CAA6D7



EDBAFF



D7A6CC



68606B



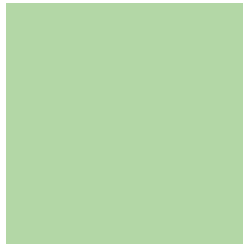
7E00AB



20002B

Previews

White Background



This preview shows how the Hex color B3D7A6 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 B3D7A6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

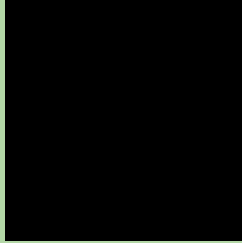
Any Text WCAG AA ✓ Pass

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 B3D7A6 Background



This preview shows how black text looks on a background with the Hex color B3D7A6.

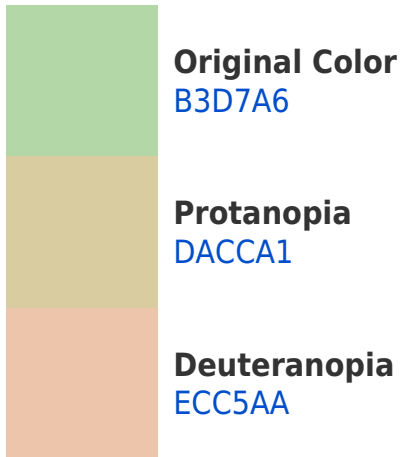


This preview shows how white text looks on a background with the Hex color B3D7A6.

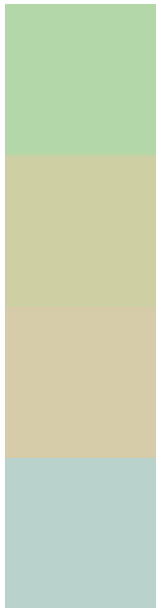
Color Blindness Simulation

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



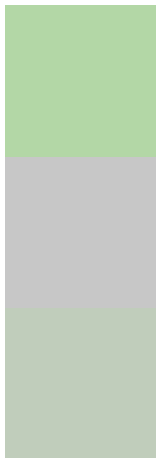
Original Color
B3D7A6

Protanomaly
CCD0A3

Deuteranomaly
D7CCA9

Tritanomaly
B9D2CB

Monochromacy



Original Color
B3D7A6

Achromatopsia
C7C7C7

Achromatomaly
C0CDBB

CSS Examples

Text

The CSS property to change the color of the text to Hex B3D7A6 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 #B3D7A6 looks like.

```
.text, #text, p{  
    color:#B3D7A6  
}
```

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 #B3D7A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D7A6
}
```

Border

The CSS property to change the border of an element to Hex B3D7A6 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
#B3D7A6 }
```

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

```
.border{ border-color:#B3D7A6 }
```

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

Here you see how a box with a 4 pixel #B3D7A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D7A6; -webkit-box-shadow:4px 4px  
4px 4px #B3D7A6; box-shadow:4px 4px 4px  
4px #B3D7A6 }
```

Background

The CSS property to change the background color of an element to Hex B3D7A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D7A6 }
```

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

```
.background{ background-color:#B3D7A6 }
```

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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