

Converting Colors

Hex(B6DE7A)

Have a look what the booklet for
Hex(B6DE7A) contains.

Hex(B6DE7A)	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(**B6DE7A**)

Conversions

Conversions Part 1

Format	Color
Hex	B6DE7A
RGB	182, 222, 122
RGB Percent	71%, 87%, 48%
CMY	0.2863, 0.1294, 0.5216
CMYK	0.18, 0.00, 0.45, 0.13
HSL	84°, 60%, 67%
HSV	84°, 45%, 87%
XYZ	48.9255, 63.5928, 28.1083
YIQ	198.6400, 8.2600, -39.5800

Conversions

Conversions Part 2

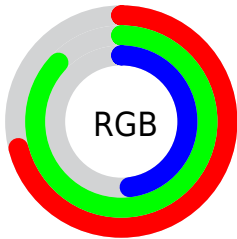
Format	Color
RYB	122, 222, 162
Decimal	11984506
CIELab	83.75, -29.26, 44.64
CIElCh	84, 53.374, 123.239
Yxy	63.5928, 0.3479, 0.4522
Android (android.graphics.Color)	4290174586 (0xFFB6DE7A)
YUV	198.6400, -37.7835, -14.5933
Hunter-Lab	79.7451, -30.0398, 34.9232

Details

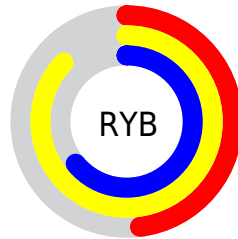
The Hex color **B6DE7A** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A27ADE**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **EFFFB0**, and **7FA746** is the 20% darker color. If you saturate the color by 10%, you get **ADDE64**, and if you desaturate by 10%, it is **BFDE90**.

Distribution



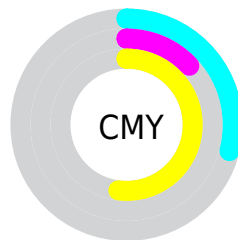
- Red (71%)
- Green (87%)
- Blue (48%)



- Red (48%)
- Yellow (87%)
- Blue (64%)



- Cyan (18%)
- Magenta (0%)
- Yellow (45%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6DE7A 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 B6DE7A by changing the saturation by 10% instead.

 B6DE7A

FFFFFF

 EFFFFB0

 FFFFCC

 FFFF E9


 B6DE7A

 9AC260

 7FA746

 658C2D

 4B7211

 315A00

 174200

 002B00

 001600

 000000

 B6DE7A

 B6DE7A

 ADDE64

 BFDE90

 A4DE4E

 C8DEA6

 9BDE37

 D1DEBD

 92DE21

 DADED3

 8ADE0B

 E2DEE9

 85DE00

 EBDEFF

 F4DEFF

 FDDEFF

 FFDEFF

Harmonies

Analogous

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



EAD06A



B6DE7A



76E7A2

Triad

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



B6DE7A



00E2FF



FFA7CD

Complementary

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



B6DE7A



A27ADE

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.



FFB0FF



B6DE7A



88D4FF

Square

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



B6DE7A



00E9FF



DCC2FF



FFAE9C

Rectangle

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



B6DE7A



33EAC3



DCC2FF



FFA9DE

Sweetspot

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



B6DE7A



F1FFDB



DEA27A



77806A



000000



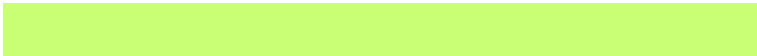
808080

Same Dimension

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



B6DE7A



C8FF75



84DE7A



6C7065



6AB000



1D3000

Inverse Universe

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



A27ADE



AC75FF



D47ADE



696570



4600B0



130030

Previews

White Background



This preview shows how the Hex color B6DE7A looks on a white background.

Color Contrast Check

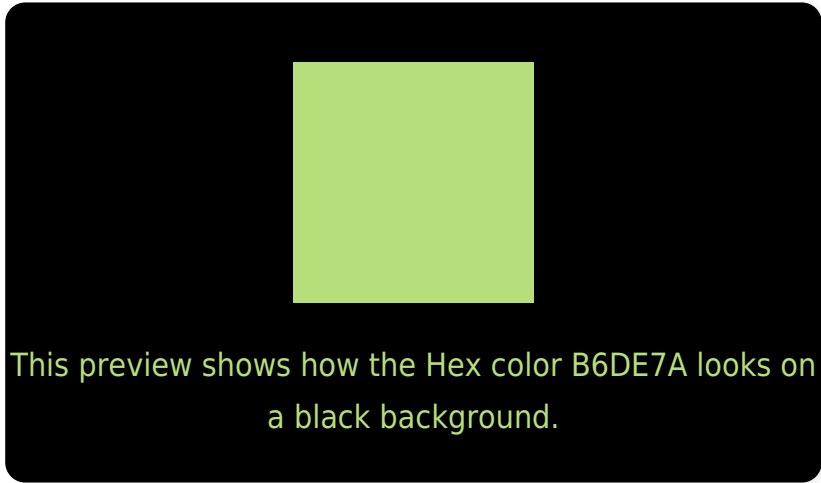
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 B6DE7A Background



This preview shows how black text looks on a background with the Hex color B6DE7A.

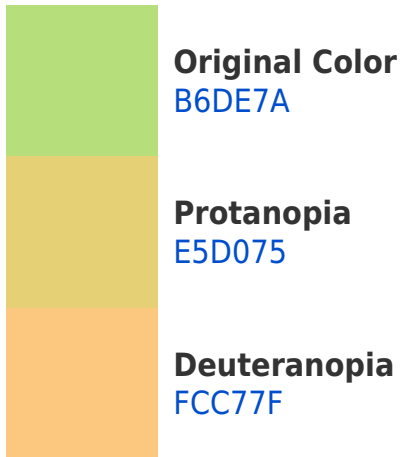


This preview shows how white text looks on a background with the Hex color B6DE7A.

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](#).

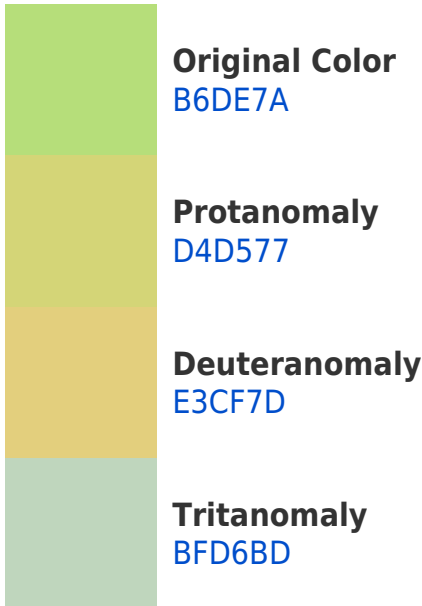
Dichromacy



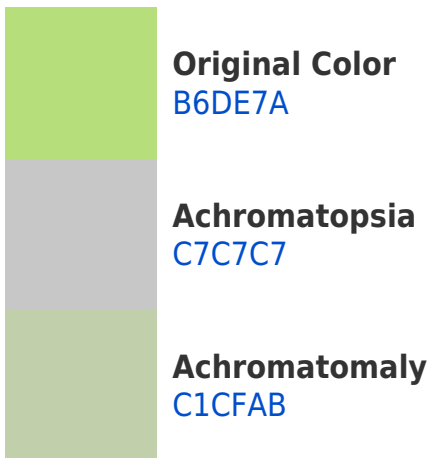


Tritanopia
C4D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B6DE7A 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 #B6DE7A looks like.

```
.text, #text, p{  
    color:#B6DE7A  
}
```

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 #B6DE7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6DE7A
}
```

Border

The CSS property to change the border of an element to Hex B6DE7A 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
#B6DE7A }
```

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

```
.border{ border-color:#B6DE7A }
```

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

Here you see how a box with a 4 pixel #B6DE7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6DE7A; -webkit-box-shadow:4px 4px  
4px 4px #B6DE7A; box-shadow:4px 4px 4px  
4px #B6DE7A }
```

Background

The CSS property to change the background color of an element to Hex B6DE7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6DE7A }
```

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

```
.background{ background-color:#B6DE7A }
```

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