

Converting Colors

Hex(BCED7A)

Have a look what the booklet for
Hex(BCED7A) contains.

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Color

Hex(BCED7A)

Conversions

Conversions Part 1

Format	Color
Hex	BCED7A
RGB	188, 237, 122
RGB Percent	74%, 93%, 48%
CMY	0.2627, 0.0706, 0.5216
CMYK	0.21, 0.00, 0.49, 0.07
HSL	86°, 76%, 70%
HSV	86°, 49%, 93%
XYZ	54.5361, 72.6649, 29.5637
YIQ	209.2390, 7.7110, -46.1530

Conversions

Conversions Part 2

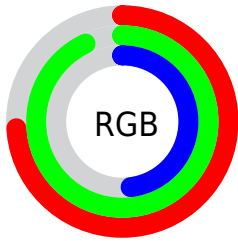
Format	Color
RYB	122, 237, 171
Decimal	12381562
CIELab	88.29, -34.03, 50.30
CIElCh	88, 60.731, 124.084
Yxy	72.6649, 0.3479, 0.4635
Android (android.graphics.Color)	4290571642 (0xFFBCED7A)
YUV	209.2390, -43.0088, -18.6266
Hunter-Lab	85.2437, -34.9781, 39.1080

Details

The Hex color **BCED7A** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AB7AED**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **F6FFB1**, and **84B545** is the 20% darker color. If you saturate the color by 10%, you get **B2ED62**, and if you desaturate by 10%, it is **C6ED92**.

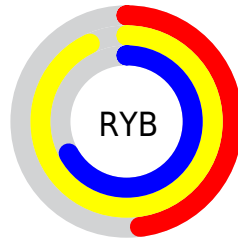
Distribution



Red (74%)

Green (93%)

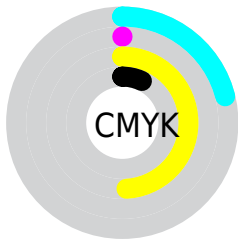
Blue (48%)



Red (48%)

Yellow (93%)

Blue (67%)

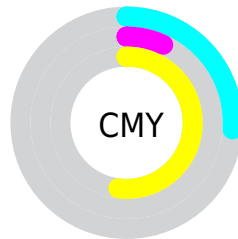


Cyan (21%)

Magenta (0%)

Yellow (49%)

Black (7%)



Cyan (26%)

Magenta (7%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCED7A 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 BCED7A by changing the saturation by 10% instead.

 BCED7A

 BCED7A

FFFFFF

 A0D160

 F6FFB1

 84B545

 FFFFCF

 699A2B

 FFFFE9

 4E800B

 346600

 194E00

 003700

 002300

 000000

 BCED7A

 BCED7A

 B2ED62

 C6ED92

 A8ED4B

 D0EDA9

 9EED33

 DAEDC1

 94ED1B

 E4EDD9

 8AED03

 EEEDF0

 88ED00

 F9EDFF

 FFEDFF

Harmonies

Analogous

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



F8DD66



BCED7A



6EF7A9

Triad

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



BCED7A



00F1FF



FFADD8

Complementary

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



BCED7A



AB7AED

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.



FFB6FF



BCED7A



87E1FF

Square

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



BCED7A



00F9FF



ECCBFF



FFB5A0

Rectangle

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



BCED7A



00FAD0



ECCBFF



FFAEEB

Sweetspot

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



BCED7A



EFFFD9



EDAA7A



768069



000000



808080

Same Dimension

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



BCED7A



C0FF6B



84ED7A



70756A



68B500



1F3600

Inverse Universe

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



AB7AED



AA6BFF



E37AED



6F6A75



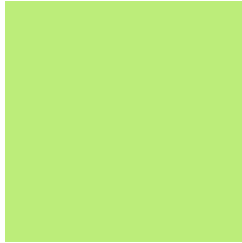
4D00B5



170036

Previews

White Background



This preview shows how the Hex color BCED7A looks on a white background.

Color Contrast Check

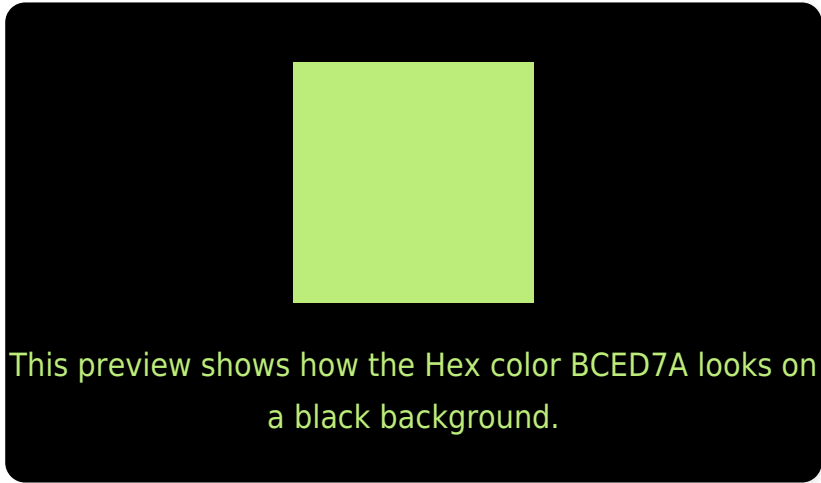
Large Text (above 18pt) WCAG AA × Fail

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 BCED7A Background



This preview shows how black text looks on a background with the Hex color BCED7A.

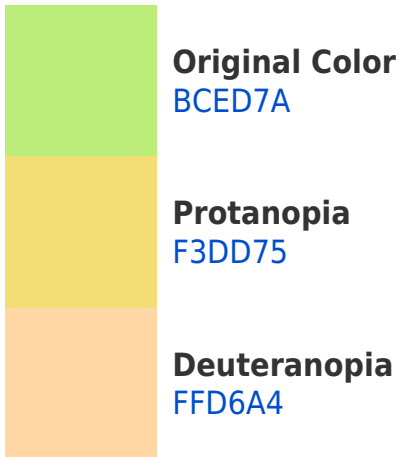


This preview shows how white text looks on a background with the Hex color BCED7A.

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



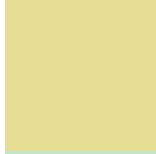
Trichromacy



Original Color
BCED7A



Protanomaly
DFE377



Deuteranomaly
E7DE95

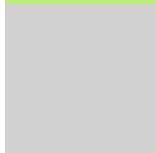


Tritanomaly
C6E5C6

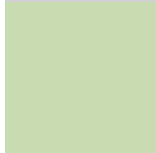
Monochromacy



Original Color
BCED7A



Achromatopsia
D1D1D1



Achromatomaly
C9DBB1

CSS Examples

Text

The CSS property to change the color of the text to Hex BCED7A 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 #BCED7A looks like.

```
.text, #text, p{  
    color:#BCED7A  
}
```

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 #BCED7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCED7A
}
```

Border

The CSS property to change the border of an element to Hex BCED7A 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
#BCED7A }
```

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

```
.border{ border-color:#BCED7A }
```

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

Here you see how a box with a 4 pixel #BCED7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCED7A; -webkit-box-shadow:4px 4px  
4px 4px #BCED7A; box-shadow:4px 4px 4px  
4px #BCED7A }
```

Background

The CSS property to change the background color of an element to Hex BCED7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCED7A }
```

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

```
.background{ background-color:#BCED7A }
```

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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