

Converting Colors

Hex(B2ECA7)

Have a look what the booklet for
Hex(B2ECA7) contains.

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Color

Hex(B2ECA7)

Conversions

Conversions Part 1

Format	Color
Hex	B2ECA7
RGB	178, 236, 167
RGB Percent	70%, 93%, 65%
CMY	0.3020, 0.0745, 0.3451
CMYK	0.25, 0.00, 0.29, 0.07
HSL	110°, 64%, 79%
HSV	110°, 29%, 93%
XYZ	55.3306, 72.2459, 47.5878
YIQ	210.7920, -12.4190, -33.7550

Conversions

Conversions Part 2

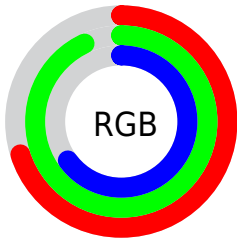
Format	Color
RYB	167, 236, 225
Decimal	11725991
CIELab	88.09, -31.16, 27.68
CIELCh	88, 41.681, 138.383
Yxy	72.2459, 0.3159, 0.4124
Android (android.graphics.Color)	4289916071 (0xFFB2ECA7)
YUV	210.7920, -21.5895, -28.7586
Hunter-Lab	84.9976, -32.5482, 26.3035

Details

The Hex color **B2ECA7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E1A7EC**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **EBFFDE**, and **7CB473** is the 20% darker color. If you saturate the color by 10%, you get **9EEC8F**, and if you desaturate by 10%, it is **C6ECBF**.

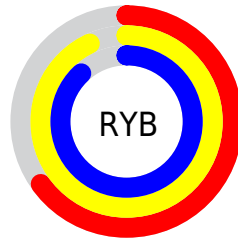
Distribution



Red (70%)

Green (93%)

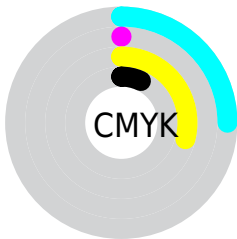
Blue (65%)



Red (65%)

Yellow (93%)

Blue (88%)

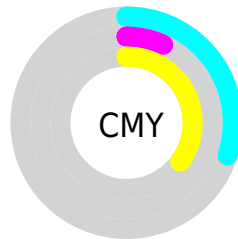


Cyan (25%)

Magenta (0%)

Yellow (29%)

Black (7%)



Cyan (30%)

Magenta (7%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2ECA7 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 B2ECA7 by changing the saturation by 10% instead.

 B2ECA7

 B2ECA7

FFFFFF

 97D08C

 EBFFDE

 7CB473

 FFFFFB

 62995A

 487F41

 2F652A

 144D13

 003600

 002200

 000000

 B2ECA7

 B2ECA7

 9EEC8F

 C6ECBF

 8AEC78

 DAECD6

 76EC60

 EEECEE

 63EC49

 FFECFF

 4FEC31

 3BEC19

 27EC02

 26EC00

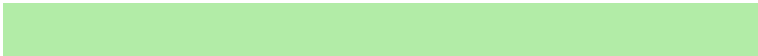
Harmonies

Analogous

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



DFE291



B2ECA7



81F1CC

Triad

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



B2ECA7



8DE5FF



FFBFC6

Complementary

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



B2ECA7



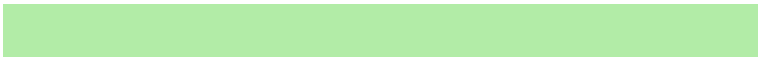
E1A7EC

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.



FFC0EE



B2ECA7



CCD8FF

Square

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



B2ECA7



56EEFF



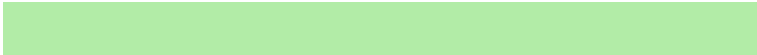
FFCAFF



FFC8A3

Rectangle

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



B2ECA7



62F3E7



FFCAFF



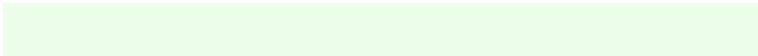
FFBFD3

Sweetspot

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



B2ECA7



ECFFE8



ECE1A7



748071



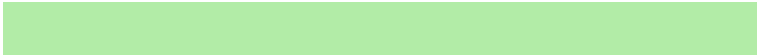
000000



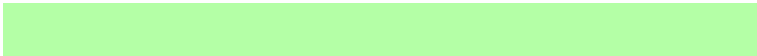
808080

Same Dimension

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



B2ECA7



B4FFA6



A7ECBE



6B756A



1DB500



093600

Inverse Universe

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



E1A7EC



F1A6FF



ECA7D5



736A75



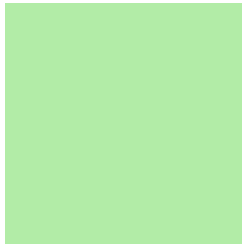
9800B5



2D0036

Previews

White Background



This preview shows how the Hex color B2ECA7 looks on a white background.

Color Contrast Check

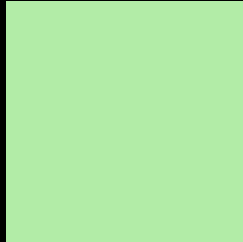
Large Text (above 18pt) WCAG AA × Fail

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 B2ECA7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

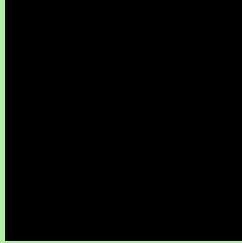
Any Text WCAG AA ✓ Pass

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 B2ECA7 Background



This preview shows how black text looks on a background with the Hex color B2ECA7.

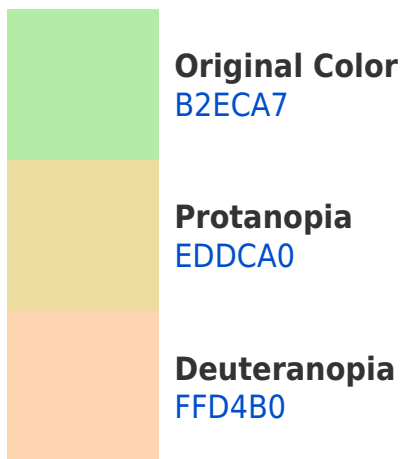


This preview shows how white text looks on a background with the Hex color B2ECA7.

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](#).

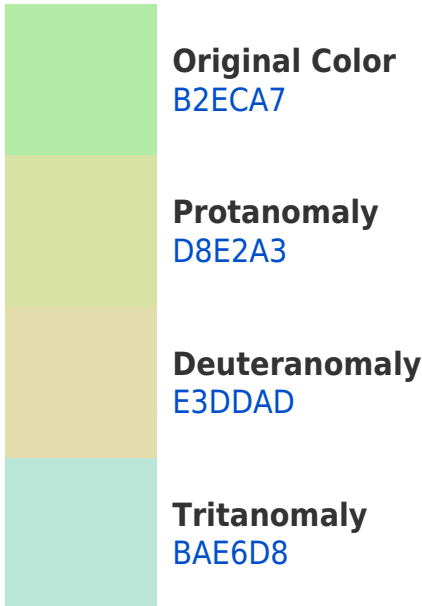
Dichromacy



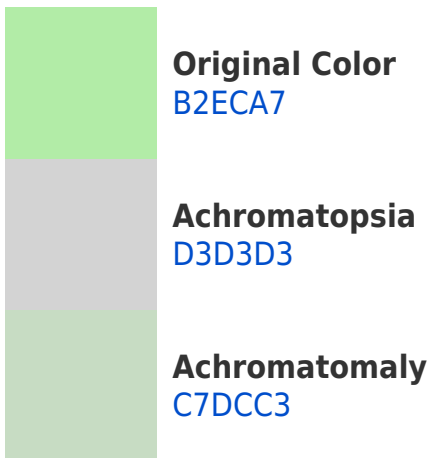


Tritanopia
BFE2F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2ECA7 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 #B2ECA7 looks like.

```
.text, #text, p{  
    color:#B2ECA7  
}
```

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 #B2ECA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2ECA7  
}
```

Border

The CSS property to change the border of an element to Hex B2ECA7 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  
#B2ECA7 }
```

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

```
.border{ border-color:#B2ECA7 }
```

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

Here you see how a box with a 4 pixel #B2ECA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2ECA7; -webkit-box-shadow:4px 4px  
4px 4px #B2ECA7; box-shadow:4px 4px 4px  
4px #B2ECA7 }
```

Background

The CSS property to change the background color of an element to Hex B2ECA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2ECA7 }
```

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

```
.background{ background-color:#B2ECA7 }
```

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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