

Converting Colors

Hex(B2ECA3)

Have a look what the booklet for
Hex(B2ECA3) contains.

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Color

Hex(B2ECA3)

Conversions

Conversions Part 1

Format	Color
Hex	B2ECA3
RGB	178, 236, 163
RGB Percent	70%, 93%, 64%
CMY	0.3020, 0.0745, 0.3608
CMYK	0.25, 0.00, 0.31, 0.07
HSL	108°, 66%, 78%
HSV	108°, 31%, 93%
XYZ	54.9664, 72.1002, 45.6700
YIQ	210.3360, -11.1350, -34.9990

Conversions

Conversions Part 2

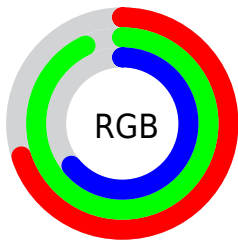
Format	Color
RYB	163, 236, 221
Decimal	11725987
CIELab	88.02, -31.78, 29.63
CIELCh	88, 43.446, 137.004
Yxy	72.1002, 0.3182, 0.4174
Android (android.graphics.Color)	4289916067 (0xFFB2ECA3)
YUV	210.3360, -23.3366, -28.3587
Hunter-Lab	84.9119, -33.0465, 27.5490

Details

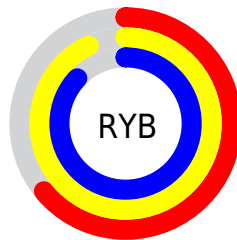
The Hex color **B2ECA3** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DDA3EC**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **EBFFDA**, and **7CB46F** is the 20% darker color. If you saturate the color by 10%, you get **9FEC8B**, and if you desaturate by 10%, it is **C5ECBB**.

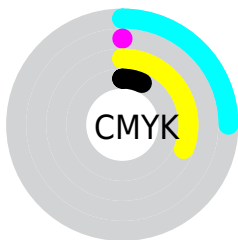
Distribution



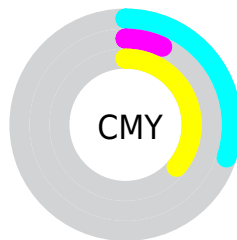
- Red (70%)
- Green (93%)
- Blue (64%)



- Red (64%)
- Yellow (93%)
- Blue (87%)



- Cyan (25%)
- Magenta (0%)
- Yellow (31%)
- Black (7%)



- Cyan (30%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2ECA3 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 B2ECA3 by changing the saturation by 10% instead.

 B2ECA3

FFFFFF

 EBFFDA

 FFFFF7

 B2ECA3

 97D088

 7CB46F

 629956

 487F3E

 2E6526

 134D0F

 003500

 002200

 000000

 B2ECA3

 B2ECA3

 9FEC8B

 C5ECBB

 8CEC74

 D8ECD2

 7AEC5C

 EAECEA

 67EC45

 FDECFE

 54EC2D

 FFECFF

 41EC15

 30EC00

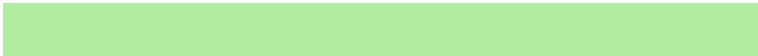
Harmonies

Analogous

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



E1E28D



B2ECA3



7EF2C9

Triad

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



B2ECA3



84E6FF



FFBEC7

Complementary

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



B2ECA3



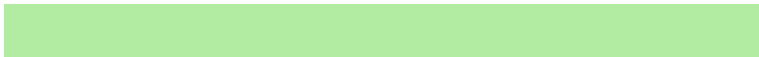
DDA3EC

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.



FFBFF1



B2ECA3



C8D9FF

Square

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



B2ECA3



46EFFF



FFCAFF



FFC6A2

Rectangle

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



B2ECA3



5BF3E5



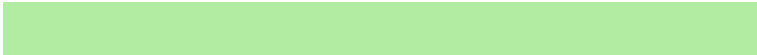
FFCAFF



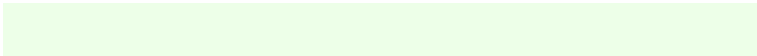
FFBDD4

Sweetspot

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



B2ECA3



EDFFE8



ECDCA3



748071



000000



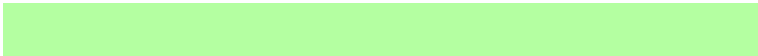
808080

Same Dimension

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



B2ECA3



B4FFA1



A3ECB8



6C756A



25B500



0B3600

Inverse Universe

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



DDA3EC



ECA1FF



ECA3D7



736A75



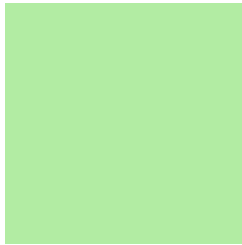
9000B5



2B0036

Previews

White Background



This preview shows how the Hex color B2ECA3 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 B2ECA3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

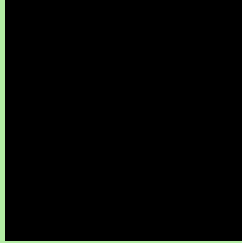
Any Text WCAG AA ✓ Pass

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 B2ECA3 Background



This preview shows how black text looks on a background with the Hex color B2ECA3.

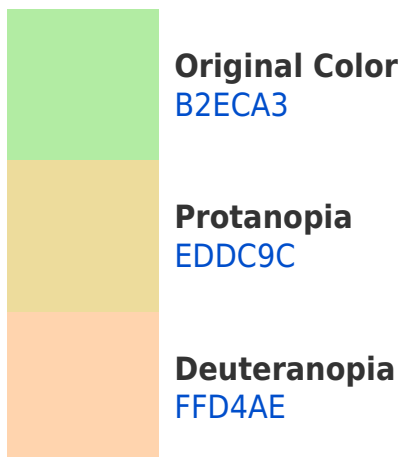


This preview shows how white text looks on a background with the Hex color B2ECA3.

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



Original Color
B2ECA3



Protanomaly
D8E29F



Deuteranomaly
E3DDAA

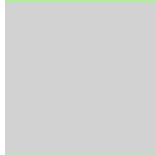


Tritanomaly
BAE6D7

Monochromacy



Original Color
B2ECA3



Achromatopsia
D2D2D2



Achromatomaly
C6DBC1

CSS Examples

Text

The CSS property to change the color of the text to Hex B2ECA3 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 #B2ECA3 looks like.

```
.text, #text, p{  
    color:#B2ECA3  
}
```

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 #B2ECA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2ECA3  
}
```

Border

The CSS property to change the border of an element to Hex B2ECA3 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  
#B2ECA3 }
```

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

```
.border{ border-color:#B2ECA3 }
```

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

Here you see how a box with a 4 pixel #B2ECA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2ECA3; -webkit-box-shadow:4px 4px  
4px 4px #B2ECA3; box-shadow:4px 4px 4px  
4px #B2ECA3 }
```

Background

The CSS property to change the background color of an element to Hex B2ECA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2ECA3 }
```

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

```
.background{ background-color:#B2ECA3 }
```

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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