

# Converting Colors

Hex(B5EAA3)

Have a look what the booklet for  
Hex(B5EAA3) contains.

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# **Color**

**Hex(B5EAA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5EAA3
RGB	181, 234, 163
RGB Percent	71%, 92%, 64%
CMY	0.2902, 0.0824, 0.3608
CMYK	0.23, 0.00, 0.30, 0.08
HSL	105°, 63%, 78%
HSV	105°, 30%, 92%
XYZ	55.0897, 71.3137, 45.5117
YIQ	210.0590, -8.7970, -33.3170

# Conversions

## Conversions Part 2

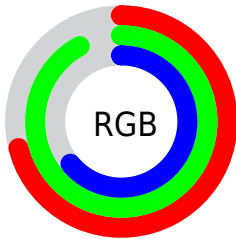
Format	Color
<a href="#">RYB</a>	<a href="#">163, 234, 216</a>
Decimal	<a href="#">11922083</a>
CIELab	<a href="#">87.64, -29.83, 29.15</a>
CIELCh	<a href="#">88, 41.705, 135.663</a>
Yxy	<a href="#">71.3137, 0.3204, 0.4148</a>
Android (android.graphics.Color)	<a href="#">4290112163</a> ( <a href="#">0xFFB5EAA3</a> )
YUV	<a href="#">210.0590, -23.2001, -25.4847</a>
Hunter-Lab	<a href="#">84.4475, -31.3377, 27.1597</a>

# Details

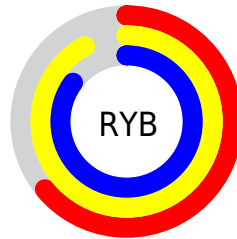
The Hex color **B5EAA3** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **D8A3EA**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EEFFDA**, and **7FB26F** is the 20% darker color. If you saturate the color by 10%, you get **A4EA8C**, and if you desaturate by 10%, it is **C6EABA**.

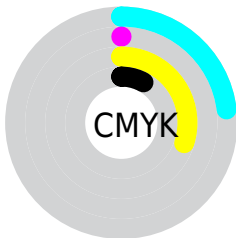
# Distribution



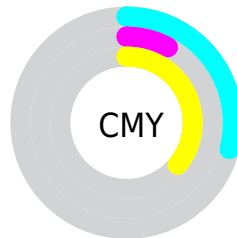
- Red (71%)
- Green (92%)
- Blue (64%)



- Red (64%)
- Yellow (92%)
- Blue (85%)



- Cyan (23%)
- Magenta (0%)
- Yellow (30%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5EAA3 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 B5EAA3 by changing the saturation by 10% instead.



 B5EAA3

 B5EAA3

FFFFFF

 9ACE88

 EEFFDA

 7FB26F

 FFFFF7

 659756

 4B7D3E

 326427

 184B0F

 003400

 002100

 000000

 B5EAA3

 B5EAA3

 A4EA8C

 C6EABA

 92EA74

 D8EAD2

 81EA5D

 E9EAE9

 6FEA45

 FBFAFF

 5EEA2E

 FFEAFF

 4CEA17

 3BEA00

# Harmonies

## Analogous

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



E2E08E



B5EAA3



85F0C7

# Triad

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



B5EAA3



86E5FF



FFBEC8

# Complementary

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



B5EAA3



D8A3EA

# 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.



FFC0F0



B5EAA3



C5D8FF

# Square

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



B5EAA3



51EEFF



FBCAFF



FFC6A5

# Rectangle

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



B5EAA3



64F1E2



FBCAFF



FFBDD6



# Sweetspot

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



B5EAA3



EEFFE8



EAD7A3



758071



000000



808080

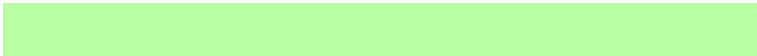


# Same Dimension

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



B5EAA3



BAFFA3



A3EAB4



6D756A



2EB500



0E3600



# Inverse Universe

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



D8A3EA



E8A3FF



EAA3D9



726A75



8700B5

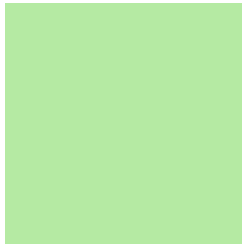


280036



# Previews

## White Background



This preview shows how the Hex color B5EAA3 looks on a white background.

## Color Contrast Check

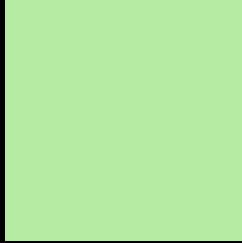
Large Text (above 18pt) WCAG AA × Fail

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 B5EAA3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

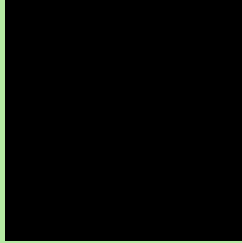
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B5EAA3 Background



This preview shows how black text looks on a background with the Hex color B5EAA3.

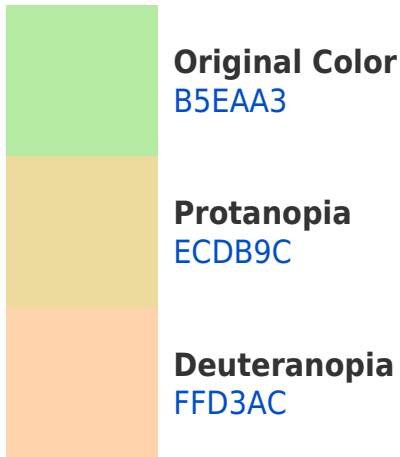


This preview shows how white text looks on a background with the Hex color B5EAA3.

# Color Blindness Simulation

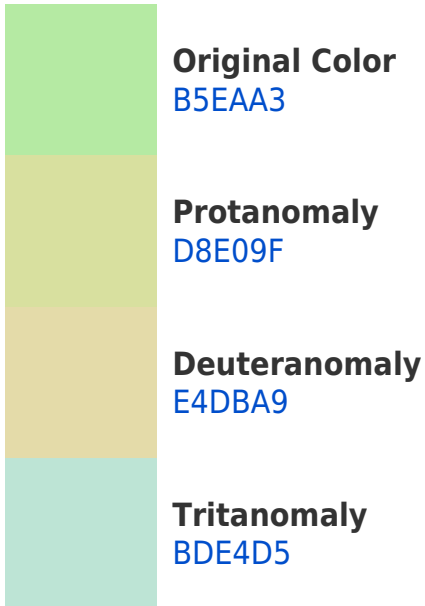
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

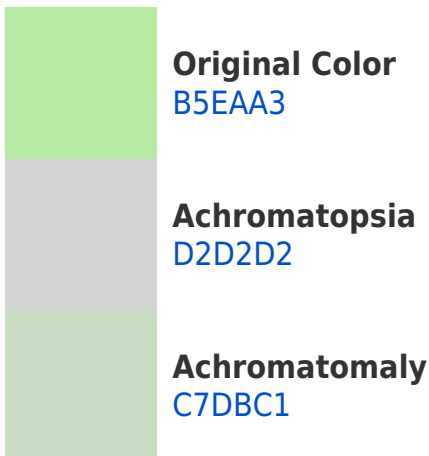




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5EAA3 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 #B5EAA3 looks like.

```
.text, #text, p{  
    color:#B5EAA3  
}
```

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 #B5EAA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5EAA3
}
```

## Border

The CSS property to change the border of an element to Hex B5EAA3 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
#B5EAA3 }
```

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

```
.border{ border-color:#B5EAA3 }
```

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

Here you see how a box with a 4 pixel #B5EAA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5EAA3; -webkit-box-shadow:4px 4px  
4px 4px #B5EAA3; box-shadow:4px 4px 4px  
4px #B5EAA3 }
```

# Background

The CSS property to change the background color of an element to Hex B5EAA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5EAA3 }
```

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

```
.background{ background-color:#B5EAA3 }
```

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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