

# Converting Colors

Hex(B2EC8A)

Have a look what the booklet for  
Hex(B2EC8A) contains.

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# **Color**

**Hex(B2EC8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2EC8A
RGB	178, 236, 138
RGB Percent	70%, 93%, 54%
CMY	0.3020, 0.0745, 0.4588
CMYK	0.25, 0.00, 0.42, 0.07
HSL	96°, 72%, 73%
HSV	96°, 42%, 93%
XYZ	52.9430, 71.2909, 35.0149
YIQ	207.4860, -3.1100, -42.7740

# Conversions

## Conversions Part 2

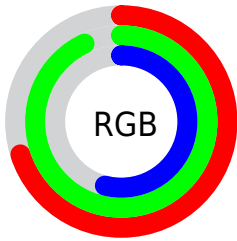
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">138, 236, 196</a>
Decimal	<a href="#">11725962</a>
CIELab	<a href="#">87.63, -35.27, 41.64</a>
CIElCh	<a href="#">88, 54.571, 130.262</a>
Yxy	<a href="#">71.2909, 0.3325, 0.4477</a>
Android (android.graphics.Color)	<a href="#">4289916042 (0xFFB2EC8A)</a>
YUV	<a href="#">207.4860, -34.2566, -25.8592</a>
Hunter-Lab	<a href="#">84.4339, -35.8337, 34.5161</a>

# Details

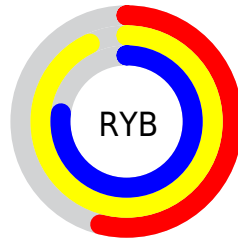
The Hex color **B2EC8A** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C48AEC**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **EBFFC1**, and **7BB456** is the 20% darker color. If you saturate the color by 10%, you get **A4EC72**, and if you desaturate by 10%, it is **C0ECA2**.

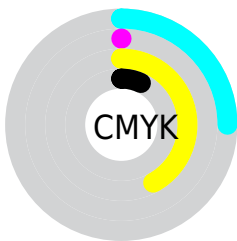
# Distribution



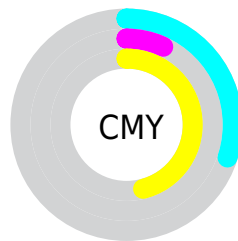
- Red (70%)
- Green (93%)
- Blue (54%)



- Red (54%)
- Yellow (93%)
- Blue (77%)



- Cyan (25%)
- Magenta (0%)
- Yellow (42%)
- Black (7%)



- Cyan (30%)
- Magenta (7%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2EC8A 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 B2EC8A by changing the saturation by 10% instead.



 B2EC8A

 B2EC8A

FFFFFF

 96D070

 EBFFC1

 7BB456

 FFFFDD

 60993D

 FFFFFA

 467F24

 2B6506

 0D4D00

 003500

 002200

 000000

 B2EC8A

 B2EC8A

 A4EC72

 C0ECA2

 96EC5B

 CE ECB9

 88EC43

 DCECD1

 7AEC2C

 EA ECE8

 6CEC14

 F8ECFF

 60EC00

 FFECFF

# Harmonies

## Analogous

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



EBDE73



B2EC8A



6BF4B7

# Triad

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



B2EC8A



1EEBFF



FFB1CC

# Complementary

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



B2EC8A



C48AEC

# Split Complementary

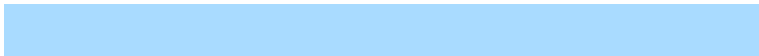
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB6FF



B2EC8A



A9DBFF

# Square

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



B2EC8A



00F4FF



F8C7FF



FFB99B

# Rectangle

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



B2EC8A



03F6DA



F8C7FF



FFB1DD



# Sweetspot

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



B2EC8A



EDFFE0



ECC38A



75806E



000000



808080



# Same Dimension

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



B2EC8A



B4FF80



8AEC92



6E756A



4AB500



163600



# Inverse Universe

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



C48AEC



CB80FF



EC8AE4



716A75



6B00B5

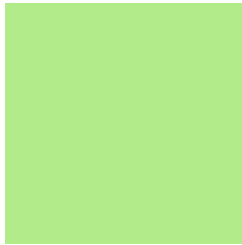


200036



# Previews

## White Background



This preview shows how the Hex color B2EC8A looks on a white background.

## Color Contrast Check

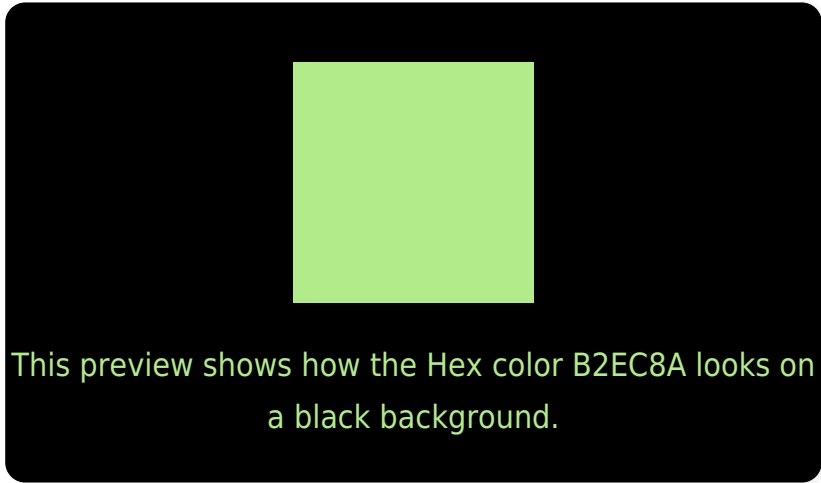
Large Text (above 18pt) WCAG AA × Fail

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 B2EC8A Background



This preview shows how black text looks on a background with the Hex color B2EC8A.

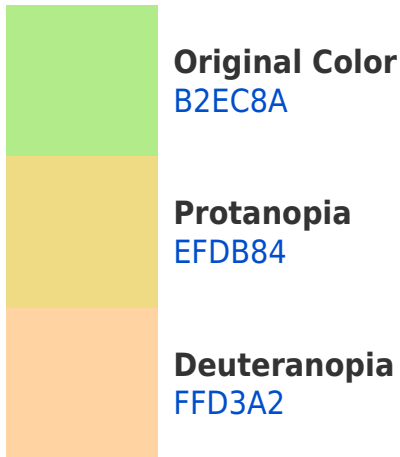


This preview shows how white text looks on a background with the Hex color B2EC8A.

# 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





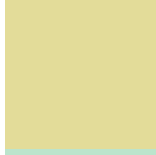
# Trichromacy



**Original Color**  
B2EC8A



**Protanomaly**  
D9E186



**Deuteranomaly**  
E3DC99

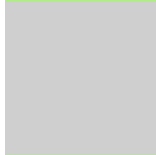


**Tritanomaly**  
BCE4CC

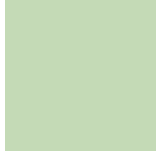
# Monochromacy



**Original Color**  
B2EC8A



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
C4DAB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2EC8A 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 #B2EC8A looks like.

```
.text, #text, p{  
    color:#B2EC8A  
}
```

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 #B2EC8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2EC8A
}
```

## Border

The CSS property to change the border of an element to Hex B2EC8A 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
#B2EC8A }
```

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

```
.border{ border-color:#B2EC8A }
```

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

Here you see how a box with a 4 pixel #B2EC8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2EC8A; -webkit-box-shadow:4px 4px  
4px 4px #B2EC8A; box-shadow:4px 4px 4px  
4px #B2EC8A }
```

# Background

The CSS property to change the background color of an element to Hex B2EC8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2EC8A }
```

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

```
.background{ background-color:#B2EC8A }
```

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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