

# Converting Colors

Hex(B8E3B5)

Have a look what the booklet for  
Hex(B8E3B5) contains.

<b>Hex(B8E3B5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B8E3B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8E3B5
RGB	184, 227, 181
RGB Percent	72%, 89%, 71%
CMY	0.2784, 0.1098, 0.2902
CMYK	0.19, 0.00, 0.20, 0.11
HSL	116°, 45%, 80%
HSV	116°, 20%, 89%
XYZ	55.5767, 68.4647, 54.0019
YIQ	208.8990, -10.8620, -23.4220

# Conversions

## Conversions Part 2

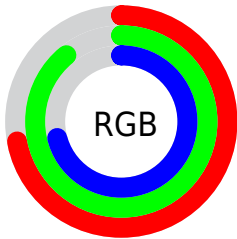
<b>Format</b>	<b>Color</b>
<b>RYB</b>	181, 227, 224
Decimal	12116917
CIELab	86.24, -22.57, 17.96
CIELCh	86, 28.848, 141.493
Yxy	68.4647, 0.3122, 0.3845
Android (android.graphics.Color)	4290306997 (0xFFB8E3B5)
YUV	208.8990, -13.7542, -21.8364
Hunter-Lab	82.7434, -24.9068, 19.2252

# Details

The Hex color **B8E3B5** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E0B5E3**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **F0FFED**, and **82AB80** is the 20% darker color. If you saturate the color by 10%, you get **A3E39E**, and if you desaturate by 10%, it is **CDE3CC**.

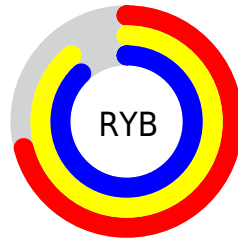
# Distribution



Red (72%)

Green (89%)

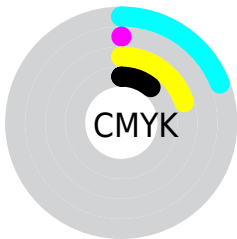
Blue (71%)



Red (71%)

Yellow (89%)

Blue (88%)

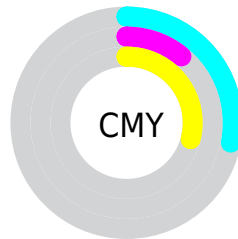


Cyan (19%)

Magenta (0%)

Yellow (20%)

Black (11%)



Cyan (28%)

Magenta (11%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8E3B5 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 B8E3B5 by changing the saturation by 10% instead.



 B8E3B5

 B8E3B5

FFFFFF

 9DC79A

 F0FFED

 82AB80

 699167

 50774F

 385E37

 204622

 082F0C

 001C00

 000000

 B8E3B5

 B8E3B5

 A3E39E

 CDE3CC

 8EE388

 E2E3E2

 78E371

 F8E3F9

 63E35A

 FFE3FF

 4EE344

 39E32D

 23E316

 0FE300

# Harmonies

## Analogous

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



D7DCA5



B8E3B5



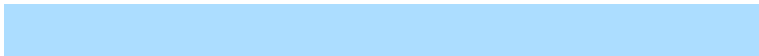
9BE7CF

# Triad

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



B8E3B5



ACDDFF



FFC5C5

# Complementary

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



B8E3B5



E0B5E3

# 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.



FFC5E1



B8E3B5



D2D3FF

# Square

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



B8E3B5



8FE4FF



F3CAFA



FFCBAE

# Rectangle

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



B8E3B5



8DE7E2



F3CAFA



FFC4CE



# Sweetspot

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



B8E3B5



F1FFF0



E3E0B5



778077



000000



808080

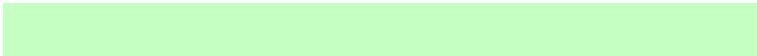


# Same Dimension

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



B8E3B5



C6FFC2



B5E3C9



687367



0CB300



033300



# Inverse Universe

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



E0B5E3



FBC2FF



E3B5CF



726773



A700B3

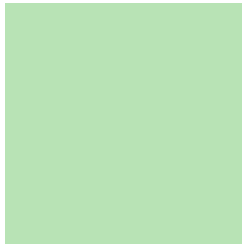


300033



# Previews

## White Background



This preview shows how the Hex color B8E3B5 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 B8E3B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

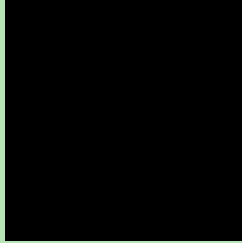
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

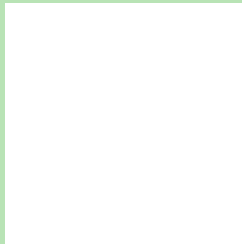
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B8E3B5 Background



This preview shows how black text looks on a background with the Hex color B8E3B5.

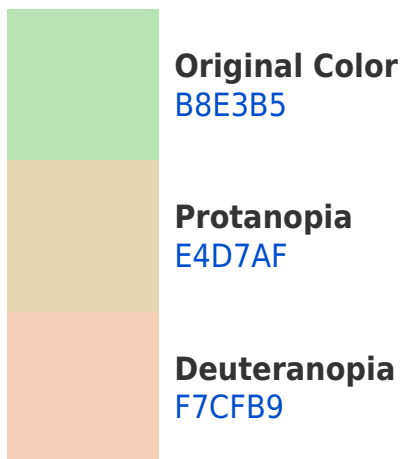


This preview shows how white text looks on a background with the Hex color B8E3B5.

# 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](#).

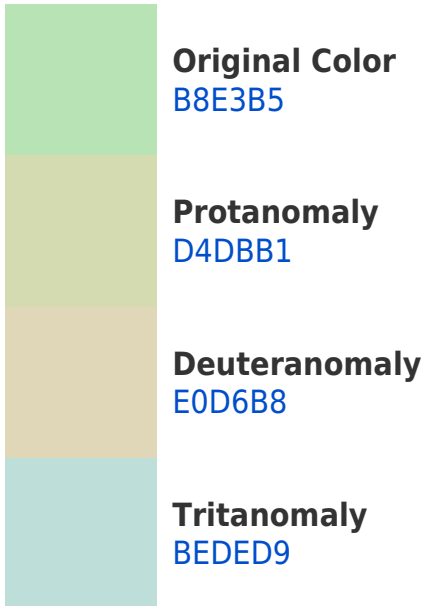
## Dichromacy



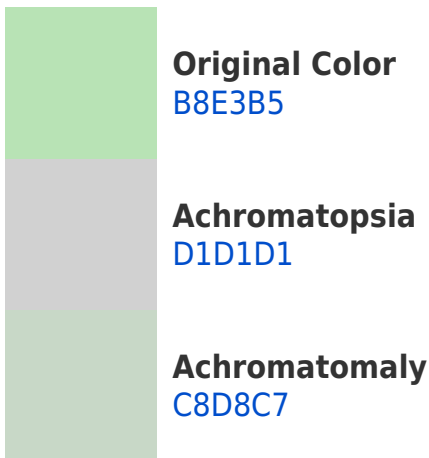


**Tritanopia**  
C1DBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8E3B5 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 #B8E3B5 looks like.

```
.text, #text, p{  
    color:#B8E3B5  
}
```

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 #B8E3B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8E3B5
}
```

## Border

The CSS property to change the border of an element to Hex B8E3B5 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
#B8E3B5 }
```

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

```
.border{ border-color:#B8E3B5 }
```

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

Here you see how a box with a 4 pixel #B8E3B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8E3B5; -webkit-box-shadow:4px 4px  
4px 4px #B8E3B5; box-shadow:4px 4px 4px  
4px #B8E3B5 }
```

# Background

The CSS property to change the background color of an element to Hex B8E3B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8E3B5 }
```

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

```
.background{ background-color:#B8E3B5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor