

Converting Colors

Hex(B1E9A7)

Have a look what the booklet for
Hex(B1E9A7) contains.

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Color

Hex(B1E9A7)

Conversions

Conversions Part 1

Format	Color
Hex	B1E9A7
RGB	177, 233, 167
RGB Percent	69%, 91%, 65%
CMY	0.3059, 0.0863, 0.3451
CMYK	0.24, 0.00, 0.28, 0.09
HSL	111°, 60%, 78%
HSV	111°, 28%, 91%
XYZ	54.2454, 70.4150, 47.2916
YIQ	208.7320, -12.1900, -32.3980

Conversions

Conversions Part 2

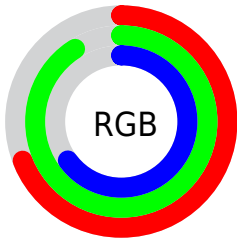
Format	Color
RYB	167, 233, 223
Decimal	11659687
CIELab	87.20, -30.09, 26.47
CIELCh	87, 40.071, 138.659
Yxy	70.4150, 0.3155, 0.4095
Android (android.graphics.Color)	4289849767 (0xFFB1E9A7)
YUV	208.7320, -20.5739, -27.8290
Hunter-Lab	83.9136, -31.4586, 25.3252

Details

The Hex color **B1E9A7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DFA7E9**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **EAFFDE**, and **7BB173** is the 20% darker color. If you saturate the color by 10%, you get **9DE990**, and if you desaturate by 10%, it is **C5E9BE**.

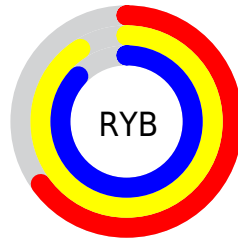
Distribution



Red (69%)

Green (91%)

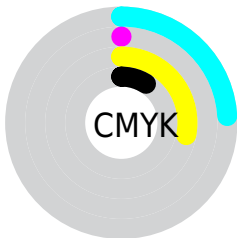
Blue (65%)



Red (65%)

Yellow (91%)

Blue (87%)

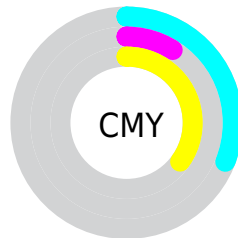


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (9%)



Cyan (31%)

Magenta (9%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1E9A7 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 B1E9A7 by changing the saturation by 10% instead.

 B1E9A7

 B1E9A7


FFFFFF

 96CD8C

 EAFFDE

 7BB173

 FFFFFB

 61965A

 487C42

 2E632A

 144B14

 003300

 002000

 000000

 B1E9A7

 B1E9A7

 9DE990

 C5E9BE

 89E978

 D9E9D6

 76E961

 ECE9ED

 62E94A

 FFE9FF

 4EE933

 3AE91B

 27E904

 23E900

Harmonies

Analogous

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



DCE091



B1E9A7



83EECA

Triad

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



B1E9A7



90E2FF



FFBEC4

Complementary

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



B1E9A7



DFA7E9

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.



FFBFEB



B1E9A7



CBD6FF

Square

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



B1E9A7



5EEBFF



FCC8FF



FFC6A3

Rectangle

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



B1E9A7



67EFE5



FCC8FF



FFBED1

Sweetspot

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



B1E9A7



EEFFEB



E9DEA7



758073



000000



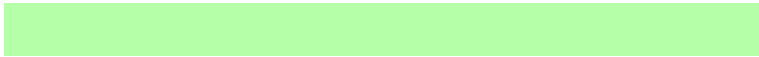
808080

Same Dimension

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



B1E9A7



B5FFA8



A7E9BD



6B756A



1BB500



083600

Inverse Universe

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



DFA7E9



F2A8FF



E9A7D3



746A75



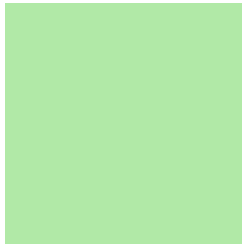
9A00B5



2D0036

Previews

White Background



This preview shows how the Hex color B1E9A7 looks on a white background.

Color Contrast Check

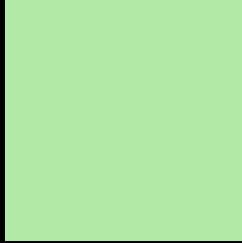
Large Text (above 18pt) WCAG AA × Fail

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 B1E9A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

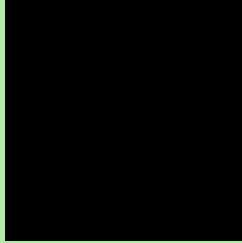
Any Text WCAG AA ✓ Pass

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 B1E9A7 Background



This preview shows how black text looks on a background with the Hex color B1E9A7.

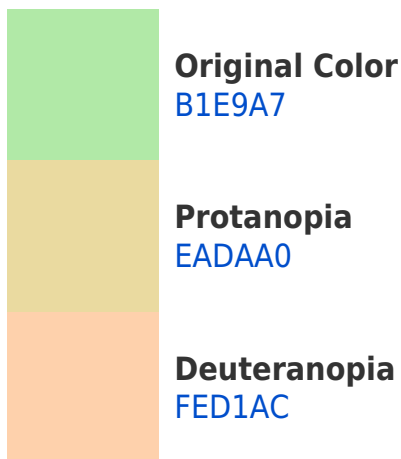


This preview shows how white text looks on a background with the Hex color B1E9A7.

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](#).

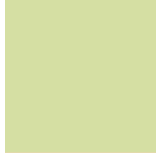
Dichromacy



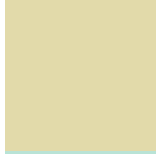
Trichromacy



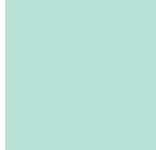
Original Color
B1E9A7



Protanomaly
D5DFA3



Deuteranomaly
E2DAAA

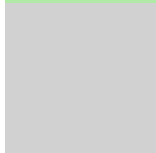


Tritanomaly
B9E3D6

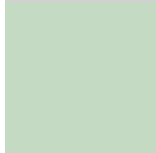
Monochromacy



Original Color
B1E9A7



Achromatopsia
D1D1D1



Achromatomaly
C5DAC2

CSS Examples

Text

The CSS property to change the color of the text to Hex B1E9A7 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 #B1E9A7 looks like.

```
.text, #text, p{  
    color:#B1E9A7  
}
```

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 #B1E9A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E9A7  
}
```

Border

The CSS property to change the border of an element to Hex B1E9A7 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  
#B1E9A7 }
```

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

```
.border{ border-color:#B1E9A7 }
```

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

Here you see how a box with a 4 pixel #B1E9A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E9A7; -webkit-box-shadow:4px 4px  
4px 4px #B1E9A7; box-shadow:4px 4px 4px  
4px #B1E9A7 }
```

Background

The CSS property to change the background color of an element to Hex B1E9A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E9A7 }
```

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

```
.background{ background-color:#B1E9A7 }
```

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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