

Converting Colors

Hex(B1E9A1)

Have a look what the booklet for
Hex(B1E9A1) contains.

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Color

Hex(B1E9A1)

Conversions

Conversions Part 1

Format	Color
Hex	B1E9A1
RGB	177, 233, 161
RGB Percent	69%, 91%, 63%
CMY	0.3059, 0.0863, 0.3686
CMYK	0.24, 0.00, 0.31, 0.09
HSL	107°, 62%, 77%
HSV	107°, 31%, 91%
XYZ	53.7034, 70.1981, 44.4373
YIQ	208.0480, -10.2640, -34.2640

Conversions

Conversions Part 2

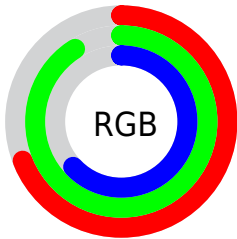
Format	Color
RYB	161, 233, 217
Decimal	11659681
CIELab	87.09, -31.01, 29.40
CIElCh	87, 42.732, 136.534
Yxy	70.1981, 0.3190, 0.4170
Android (android.graphics.Color)	4289849761 (0xFFB1E9A1)
YUV	208.0480, -23.1947, -27.2291
Hunter-Lab	83.7843, -32.2091, 27.2029

Details

The Hex color **B1E9A1** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D9A1E9**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **EAFD8**, and **7BB16D** is the 20% darker color. If you saturate the color by 10%, you get **9FE98A**, and if you desaturate by 10%, it is **C3E9B8**.

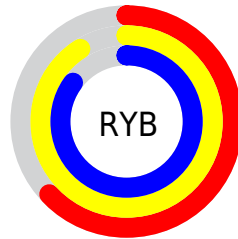
Distribution



Red (69%)

Green (91%)

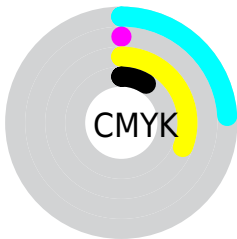
Blue (63%)



Red (63%)

Yellow (91%)

Blue (85%)

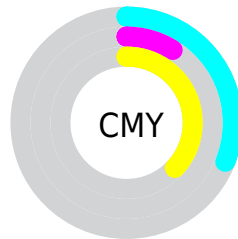


Cyan (24%)

Magenta (0%)

Yellow (31%)

Black (9%)



Cyan (31%)

Magenta (9%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1E9A1 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 B1E9A1 by changing the saturation by 10% instead.

 B1E9A1

 B1E9A1

FFFFFF

 96CD86

 EAFFD8

 7BB16D

 FFFFF5

 619654

 477C3C

 2E6325

 134A0D

 003300

 002000

 000000

 B1E9A1

 B1E9A1

 9FE98A

 C3E9B8

 8DE972

 D5E9D0

 7BE95B

 E7E9E7

 69E944

 F9E9FE

 56E92C

 FFE9FF

 44E915

 34E900

Harmonies

Analogous

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



DFDF8B



B1E9A1



7FEFC6

Triad

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



B1E9A1



83E4FF



FFBCC5

Complementary

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



B1E9A1



D9A1E9

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.



FFBDEE



B1E9A1



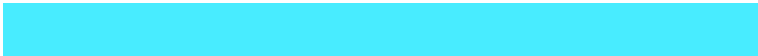
C5D6FF

Square

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



B1E9A1



48ECFF



FBC8FF



FFC4A1

Rectangle

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



B1E9A1



5CF0E2



FBC8FF



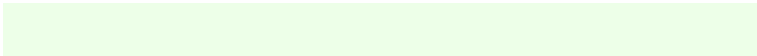
FFBBD3

Sweetspot

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



B1E9A1



EDFFE8



E9D8A1



758071



000000



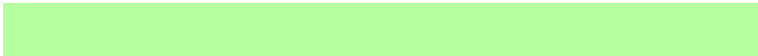
808080

Same Dimension

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



B1E9A1



B6FFA1



A1E9B4



6C756A



28B500



0C3600

Inverse Universe

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



D9A1E9



EAA1FF



E9A1D6



736A75



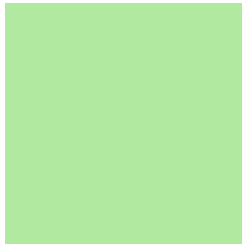
8D00B5



2A0036

Previews

White Background



This preview shows how the Hex color B1E9A1 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 B1E9A1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

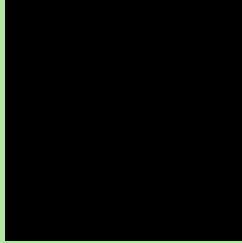
Any Text WCAG AA ✓ Pass

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 B1E9A1 Background



This preview shows how black text looks on a background with the Hex color B1E9A1.

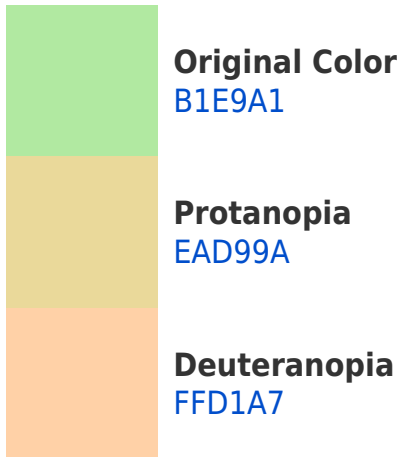


This preview shows how white text looks on a background with the Hex color B1E9A1.

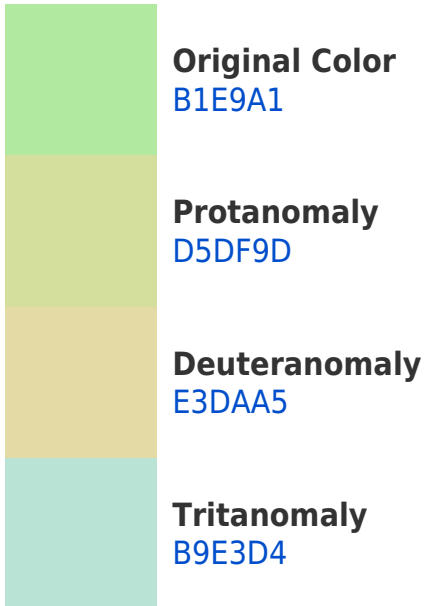
Color Blindness Simulation

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](#).

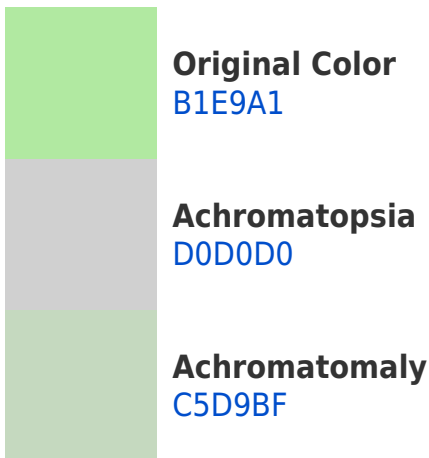
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1E9A1 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 #B1E9A1 looks like.

```
.text, #text, p{  
    color:#B1E9A1  
}
```

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 #B1E9A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E9A1
}
```

Border

The CSS property to change the border of an element to Hex B1E9A1 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
#B1E9A1 }
```

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

```
.border{ border-color:#B1E9A1 }
```

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

Here you see how a box with a 4 pixel #B1E9A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E9A1; -webkit-box-shadow:4px 4px  
4px 4px #B1E9A1; box-shadow:4px 4px 4px  
4px #B1E9A1 }
```

Background

The CSS property to change the background color of an element to Hex B1E9A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E9A1 }
```

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

```
.background{ background-color:#B1E9A1 }
```

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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