

Converting Colors

Hex(B1E3A9)

Have a look what the booklet for
Hex(B1E3A9) contains.

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Color

Hex(B1E3A9)

Conversions

Conversions Part 1

Format	Color
Hex	B1E3A9
RGB	177, 227, 169
RGB Percent	69%, 89%, 66%
CMY	0.3059, 0.1098, 0.3373
CMYK	0.22, 0.00, 0.26, 0.11
HSL	112°, 51%, 78%
HSV	112°, 26%, 89%
XYZ	52.7620, 67.1499, 47.7165
YIQ	205.4380, -11.1820, -28.6380

Conversions

Conversions Part 2

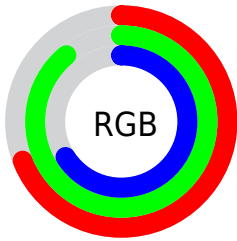
Format	Color
RYB	169, 227, 219
Decimal	11658153
CIELab	85.58, -26.92, 23.22
CIElCh	86, 35.550, 139.213
Yxy	67.1499, 0.3148, 0.4006
Android (android.graphics.Color)	4289848233 (0xFFB1E3A9)
YUV	205.4380, -17.9639, -24.9401
Hunter-Lab	81.9450, -28.4729, 22.8370

Details

The Hex color **B1E3A9** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DBA9E3**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E9FFE0**, and **7BAB75** is the 20% darker color. If you saturate the color by 10%, you get **9DE392**, and if you desaturate by 10%, it is **C5E3C0**.

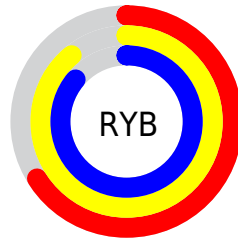
Distribution



Red (69%)

Green (89%)

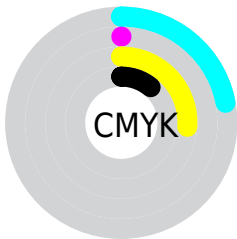
Blue (66%)



Red (66%)

Yellow (89%)

Blue (86%)

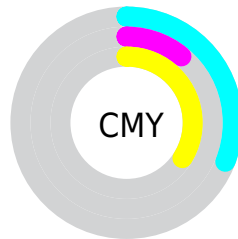


Cyan (22%)

Magenta (0%)

Yellow (26%)

Black (11%)



Cyan (31%)

Magenta (11%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1E3A9 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 B1E3A9 by changing the saturation by 10% instead.

 B1E3A9

 B1E3A9

FFFFFF

 96C78E

 E9FFE0

 7BAB75

FFFFFFD

 62915C

 487744

 305E2D

 174617

 002F00

 001C00

 000000

 B1E3A9

 B1E3A9

 9DE392

 C5E3C0

 8AE37C

 D8E3D6

 76E365

 ECE3ED

 63E34E

 FFE3FF

 4FE338

 3CE321

 28E30A

 1FE300

Harmonies

Analogous

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



D7DB96



B1E3A9



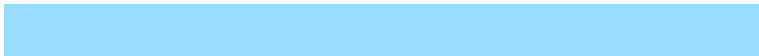
8AE8C8

Triad

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



B1E3A9



98DDFF



FFBEC1

Complementary

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



B1E3A9



DBA9E3

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.



FFBEE4



B1E3A9



CAD2FF

Square

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



B1E3A9



71E5FF



F5C6FF



FFC5A4

Rectangle

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



B1E3A9



75E9DF



F5C6FF



FFBDCD

Sweetspot

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



B1E3A9



EDFFEB



E3DAA9



758073



000000



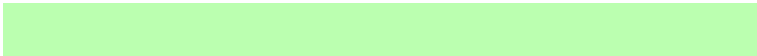
808080

Same Dimension

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



B1E3A9



BBFFB0



A9E3BD



697367



19B300



073300

Inverse Universe

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



DBA9E3



F4B0FF



E3A9CF



716773



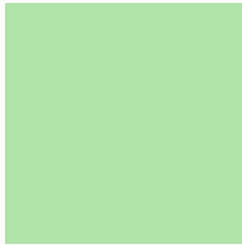
9A00B3



2C0033

Previews

White Background



This preview shows how the Hex color B1E3A9 looks on a white background.

Color Contrast Check

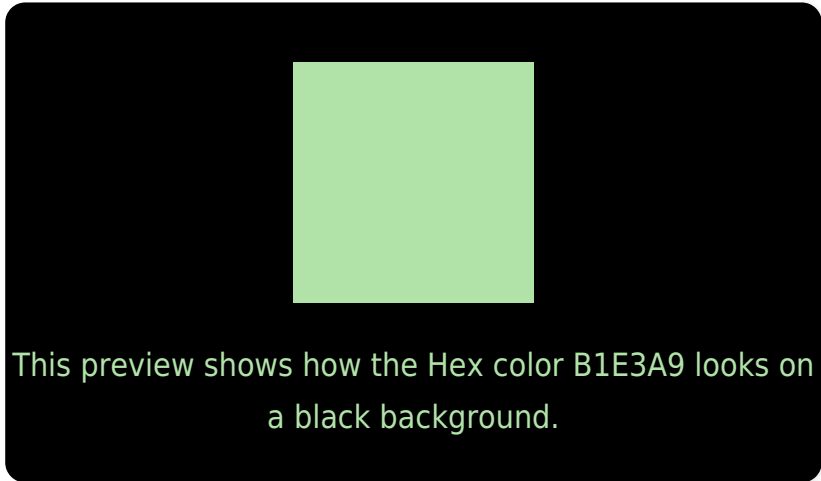
Large Text (above 18pt) WCAG AA × Fail

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

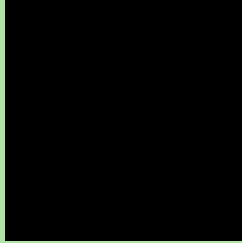
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

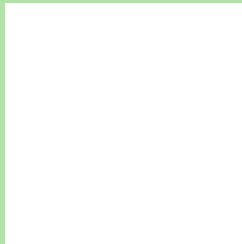
Any Text WCAG AAA ✓ Pass

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

Hex B1E3A9 Background



This preview shows how black text looks on a background with the Hex color B1E3A9.

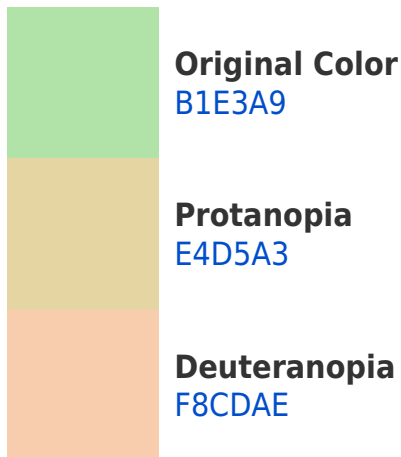


This preview shows how white text looks on a background with the Hex color B1E3A9.

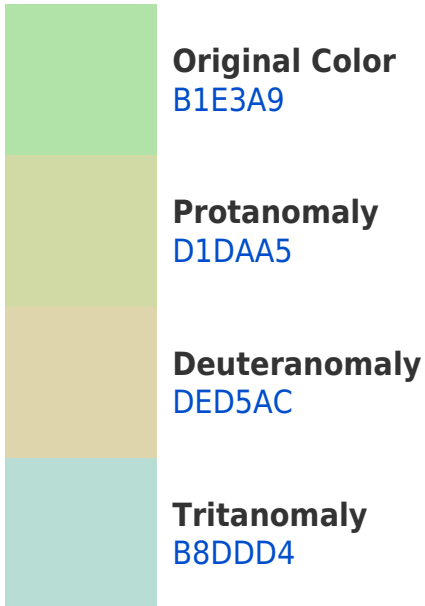
Color Blindness Simulation

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](#).

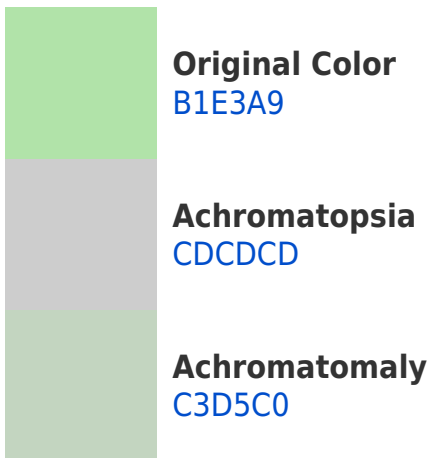
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1E3A9 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 #B1E3A9 looks like.

```
.text, #text, p{  
    color:#B1E3A9  
}
```

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 #B1E3A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1E3A9
}
```

Border

The CSS property to change the border of an element to Hex B1E3A9 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
#B1E3A9 }
```

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

```
.border{ border-color:#B1E3A9 }
```

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

Here you see how a box with a 4 pixel #B1E3A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1E3A9; -webkit-box-shadow:4px 4px  
4px 4px #B1E3A9; box-shadow:4px 4px 4px  
4px #B1E3A9 }
```

Background

The CSS property to change the background color of an element to Hex B1E3A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1E3A9 }
```

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

```
.background{ background-color:#B1E3A9 }
```

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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