

Converting Colors

Hex(B5E9A6)

Have a look what the booklet for
Hex(B5E9A6) contains.

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Color

Hex(B5E9A6)

Conversions

Conversions Part 1

Format	Color
Hex	B5E9A6
RGB	181, 233, 166
RGB Percent	71%, 91%, 65%
CMY	0.2902, 0.0863, 0.3490
CMYK	0.22, 0.00, 0.29, 0.09
HSL	107°, 60%, 78%
HSV	107°, 29%, 91%
XYZ	55.0779, 70.8548, 46.8498
YIQ	209.8140, -9.4850, -31.8610

Conversions

Conversions Part 2

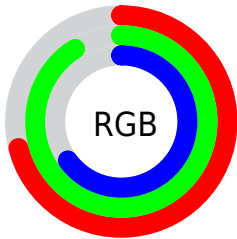
Format	Color
RYB	166, 233, 218
Decimal	11921830
CIELab	87.41, -28.90, 27.31
CIELCh	87, 39.762, 136.617
Yxy	70.8548, 0.3188, 0.4101
Android (android.graphics.Color)	4290111910 (0xFFB5E9A6)
YUV	209.8140, -21.6003, -25.2699
Hunter-Lab	84.1753, -30.5099, 25.9234

Details

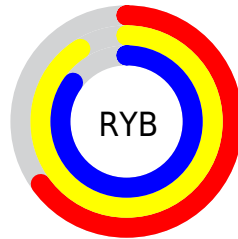
The Hex color **B5E9A6** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **DAA6E9**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EEFFDD**, and **7FB172** is the 20% darker color. If you saturate the color by 10%, you get **A3E98F**, and if you desaturate by 10%, it is **C7E9BD**.

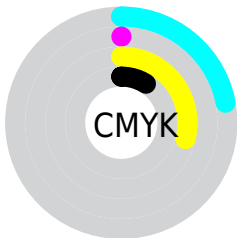
Distribution



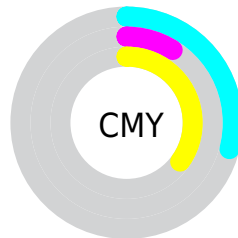
- Red (71%)
- Green (91%)
- Blue (65%)



- Red (65%)
- Yellow (91%)
- Blue (85%)



- Cyan (22%)
- Magenta (0%)
- Yellow (29%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5E9A6 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 B5E9A6 by changing the saturation by 10% instead.

 B5E9A6

FFFFFF

 EEFFDD

 FFFFFA

 B5E9A6

 9ACD8B

 7FB172

 659659

 4B7C41

 336329

 194B13

 003300

 002000

 000000

 B5E9A6

 B5E9A6

 A3E98F

 C7E9BD

 91E977

 D9E9D5

 7FE960

 EBE9EC

 6DE949

 FDE9FF

 5BE932

 FFE9FF

 48E91A

 36E903

 34E900

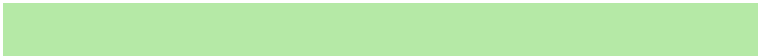
Harmonies

Analogous

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



E0DF92



B5E9A6



88EFC8

Triad

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



B5E9A6



8DE4FF



FFBFC7

Complementary

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



B5E9A6



DAA6E9

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.



FFC0EE



B5E9A6



C8D7FF

Square

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



B5E9A6



5EECFE



FACAFF



FFC7A6

Rectangle

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



B5E9A6



6BF0E2



FACAFF



FFBED4

Sweetspot

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



B5E9A6



EDFFE8



E9D9A6



758071



000000



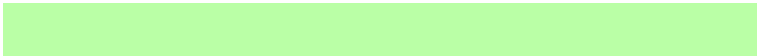
808080

Same Dimension

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



B5E9A6



BAFFA6



A6E9B8



6C756A



29B500



0C3600

Inverse Universe

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



DAA6E9



EBA6FF



E9A6D7



736A75



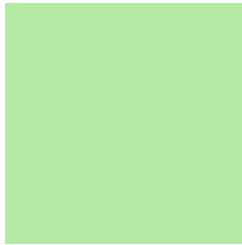
8D00B5



2A0036

Previews

White Background



This preview shows how the Hex color B5E9A6 looks on a white background.

Color Contrast Check

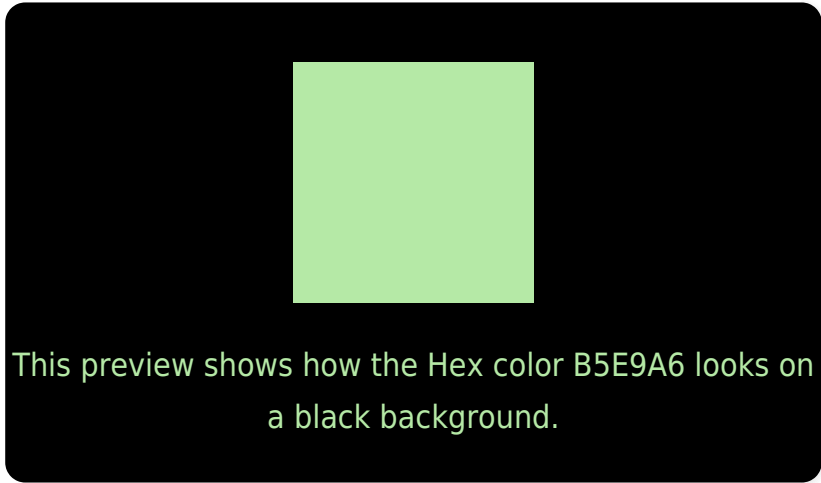
Large Text (above 18pt) WCAG AA × Fail

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

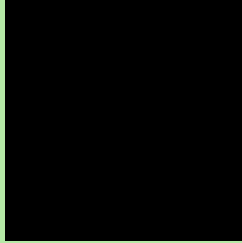
Any Text WCAG AA ✓ Pass

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 B5E9A6 Background



This preview shows how black text looks on a background with the Hex color B5E9A6.

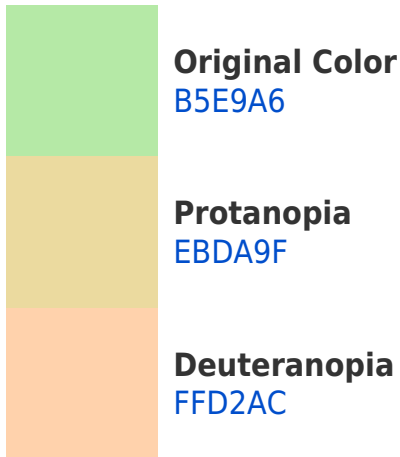


This preview shows how white text looks on a background with the Hex color B5E9A6.

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](#).

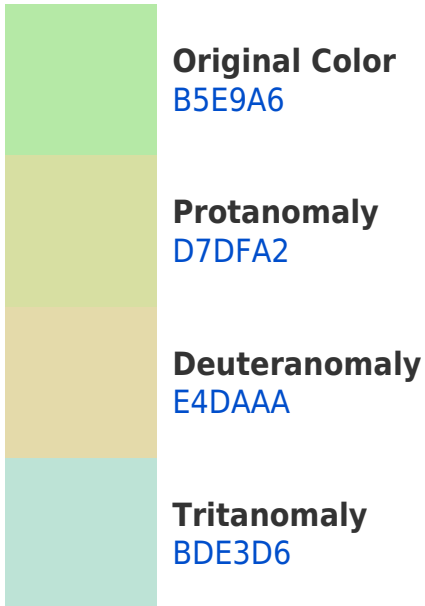
Dichromacy



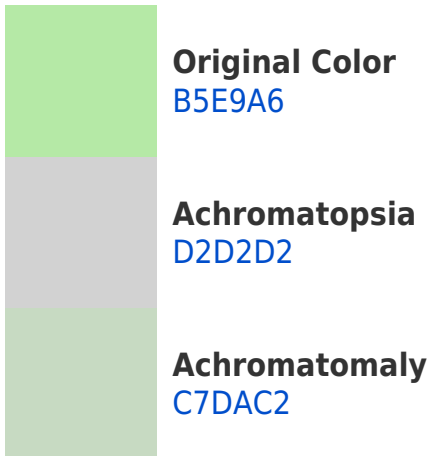


Tritanopia
C1DFF1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B5E9A6 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 #B5E9A6 looks like.

```
.text, #text, p{  
    color:#B5E9A6  
}
```

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 #B5E9A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5E9A6
}
```

Border

The CSS property to change the border of an element to Hex B5E9A6 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
#B5E9A6 }
```

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

```
.border{ border-color:#B5E9A6 }
```

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

Here you see how a box with a 4 pixel #B5E9A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5E9A6; -webkit-box-shadow:4px 4px  
4px 4px #B5E9A6; box-shadow:4px 4px 4px  
4px #B5E9A6 }
```

Background

The CSS property to change the background color of an element to Hex B5E9A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5E9A6 }
```

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

```
.background{ background-color:#B5E9A6 }
```

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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