

Converting Colors

Hex(B4E8B7)

Have a look what the booklet for
Hex(B4E8B7) contains.

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Color

Hex(B4E8B7)

Conversions

Conversions Part 1

Format	Color
Hex	B4E8B7
RGB	180, 232, 183
RGB Percent	71%, 91%, 72%
CMY	0.2941, 0.0902, 0.2824
CMYK	0.22, 0.00, 0.21, 0.09
HSL	123°, 53%, 81%
HSV	123°, 22%, 91%
XYZ	56.2262, 70.8354, 55.5089
YIQ	210.8660, -15.2630, -26.2630

Conversions

Conversions Part 2

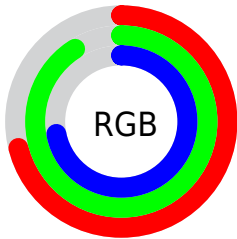
Format	Color
R _{YB}	180, 229, 232
Decimal	11856055
CIE Lab	87.40, -25.98, 18.51
CIE LCh	87, 31.902, 144.527
Yxy	70.8354, 0.3080, 0.3880
Android (android.graphics.Color)	4290046135 (0xFFB4E8B7)
YUV	210.8660, -13.7379, -27.0695
Hunter-Lab	84.1638, -28.0384, 19.8108

Details

The Hex color **B4E8B7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E8B4E5**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **EDFFEF**, and **7EB082** is the 20% darker color. If you saturate the color by 10%, you get **9DE8A1**, and if you desaturate by 10%, it is **CBE8CD**.

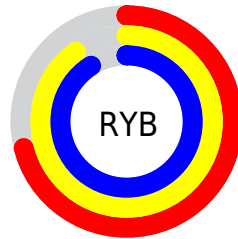
Distribution



Red (71%)

Green (91%)

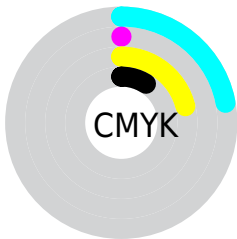
Blue (72%)



Red (71%)

Yellow (90%)

Blue (91%)

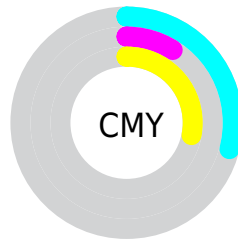


Cyan (22%)

Magenta (0%)

Yellow (21%)

Black (9%)



Cyan (29%)

Magenta (9%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4E8B7 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 B4E8B7 by changing the saturation by 10% instead.

 B4E8B7

 B4E8B7

FFFFFF

 99CC9C

 EDFFEF

 7EB082

 649569

 4B7B50

 336239

 1A4A23

 00330E

 001F00

 000000

 B4E8B7

 B4E8B7

 9DE8A1

 CBE8CD

 86E88B

 E2E8E3

 6EE875

 FAE8F9

 57E860

 FFE8FF

 40E84A

 29E834

 12E81E

 00E80D

Harmonies

Analogous

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



D7E1A3



B4E8B7



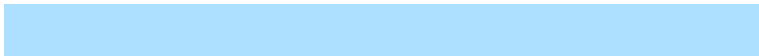
93ECD4

Triad

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



B4E8B7



ADE0FF



FFC6C3

Complementary

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



B4E8B7



E8B4E5

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.



FFC5E2



B4E8B7



D8D5FF

Square

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



B4E8B7



8AE7FF



FDCBFF



FFCDAB

Rectangle

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



B4E8B7



84ECE9



FDCBFF



FFC5CD

Sweetspot

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



B4E8B7



EDFFEE



E5E8B4



758076



000000



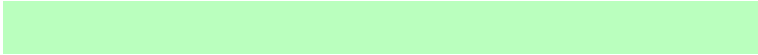
808080

Same Dimension

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



B4E8B7



BAFFBE



B4E8D1



677368



00B30A



003303

Inverse Universe

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



E8B4E5



FFBAFB



E8B4CB



736772



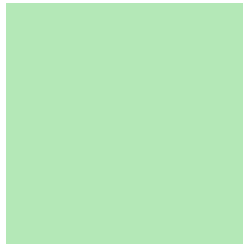
B300A8



330030

Previews

White Background



This preview shows how the Hex color B4E8B7 looks on a white background.

Color Contrast Check

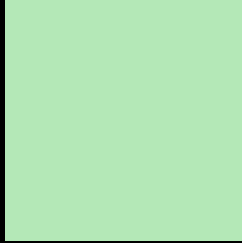
Large Text (above 18pt) WCAG AA × Fail

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 B4E8B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

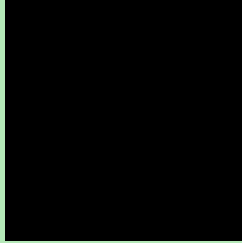
Any Text WCAG AA ✓ Pass

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 B4E8B7 Background



This preview shows how black text looks on a background with the Hex color B4E8B7.

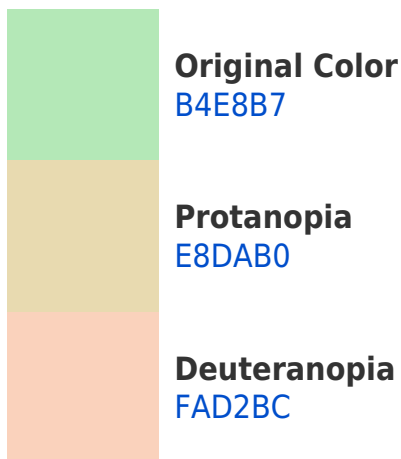


This preview shows how white text looks on a background with the Hex color B4E8B7.

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](#).

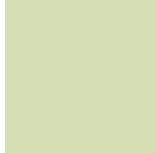
Dichromacy



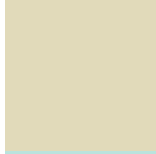
Trichromacy



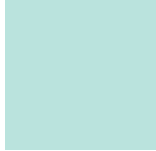
Original Color
B4E8B7



Protanomaly
D5DFB3

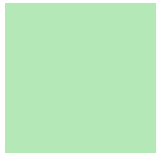


Deuteranomaly
E1DABA

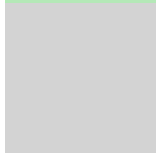


Tritanomaly
BAE3DD

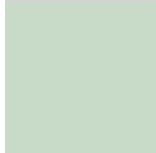
Monochromacy



Original Color
B4E8B7



Achromatopsia
D3D3D3



Achromatomaly
C8DBC9

CSS Examples

Text

The CSS property to change the color of the text to Hex B4E8B7 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 #B4E8B7 looks like.

```
.text, #text, p{  
    color:#B4E8B7  
}
```

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 #B4E8B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E8B7
}
```

Border

The CSS property to change the border of an element to Hex B4E8B7 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
#B4E8B7 }
```

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

```
.border{ border-color:#B4E8B7 }
```

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

Here you see how a box with a 4 pixel #B4E8B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E8B7; -webkit-box-shadow:4px 4px  
4px 4px #B4E8B7; box-shadow:4px 4px 4px  
4px #B4E8B7 }
```

Background

The CSS property to change the background color of an element to Hex B4E8B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E8B7 }
```

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

```
.background{ background-color:#B4E8B7 }
```

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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