

Converting Colors

Hex(B0E6AA)

Have a look what the booklet for
Hex(B0E6AA) contains.

Hex(B0E6AA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B0E6AA)

Conversions

Conversions Part 1

Format	Color
Hex	B0E6AA
RGB	176, 230, 170
RGB Percent	69%, 90%, 67%
CMY	0.3098, 0.0980, 0.3333
CMYK	0.23, 0.00, 0.26, 0.10
HSL	114°, 55%, 78%
HSV	114°, 26%, 90%
XYZ	53.4570, 68.7260, 48.4782
YIQ	207.0140, -12.9240, -30.1080

Conversions

Conversions Part 2

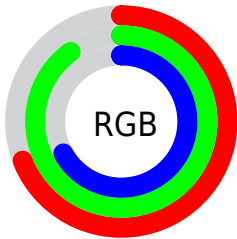
Format	Color
RYB	170, 230, 224
Decimal	11593386
CIELab	86.37, -28.52, 23.78
CIELCh	86, 37.131, 140.180
Yxy	68.7260, 0.3132, 0.4027
Android (android.graphics.Color)	4289783466 (0xFFB0E6AA)
YUV	207.0140, -18.2479, -27.1993
Hunter-Lab	82.9012, -29.9752, 23.3597

Details

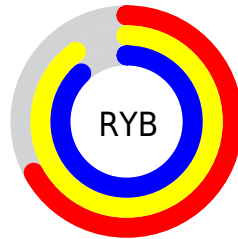
The Hex color **B0E6AA** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E0AAE6**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E8FFE2**, and **7AAE75** is the 20% darker color. If you saturate the color by 10%, you get **9BE693**, and if you desaturate by 10%, it is **C5E6C1**.

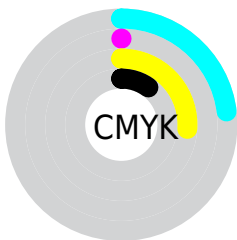
Distribution



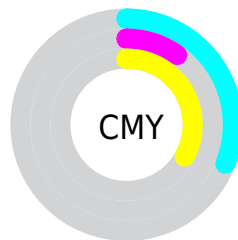
- Red (69%)
- Green (90%)
- Blue (67%)



- Red (67%)
- Yellow (90%)
- Blue (88%)



- Cyan (23%)
- Magenta (0%)
- Yellow (26%)
- Black (10%)



- Cyan (31%)
- Magenta (10%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0E6AA 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 B0E6AA by changing the saturation by 10% instead.

 B0E6AA

 B0E6AA

FFFFFF

 95CA8F

 E8FFE2

 7AAE75

FFFFFFE

 60935D

 477945

 2E602E

 144817

 003100

 001E00

 000000

 B0E6AA

 B0E6AA

 9BE693

 C5E6C1

 87E67C

 D9E6D8

 72E665

 EEE6EF

 5DE64E

 FFE6FF

 49E637

 34E620

 1FE609

 17E600

Harmonies

Analogous

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



D8DD95



B0E6AA



87EBCB

Triad

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



B0E6AA



98DFFF



FFBFC2

Complementary

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



B0E6AA



E0AAE6

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.



FFBFE5



B0E6AA



CDD3FF

Square

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



B0E6AA



6DE7FF



FAC7FF



FFC6A3

Rectangle

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



B0E6AA



6FECE3



FAC7FF



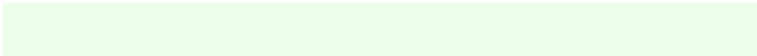
FFBECD

Sweetspot

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



B0E6AA



EDFFEB



E6E0AA



748073



000000



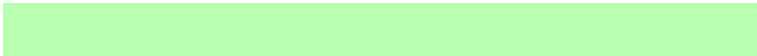
808080

Same Dimension

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



B0E6AA



B8FFB0



AAE6C2



687367



12B300



053300

Inverse Universe

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



E0AAE6



F7B0FF



E6AACE



726773



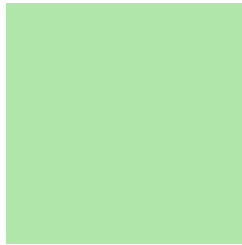
A100B3



2E0033

Previews

White Background



This preview shows how the Hex color B0E6AA 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 B0E6AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

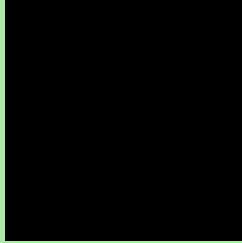
Any Text WCAG AA ✓ Pass

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 B0E6AA Background



This preview shows how black text looks on a background with the Hex color B0E6AA.

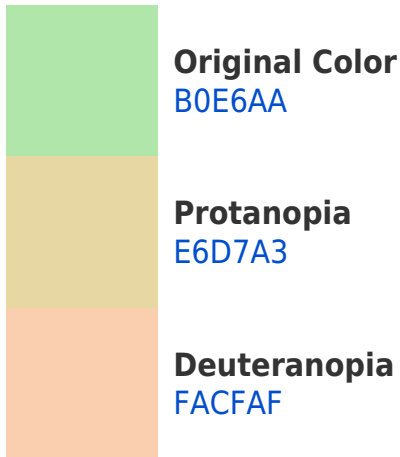


This preview shows how white text looks on a background with the Hex color B0E6AA.

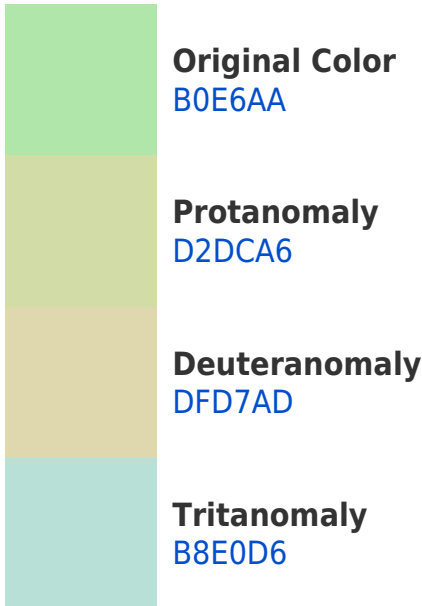
Color Blindness Simulation

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](#).

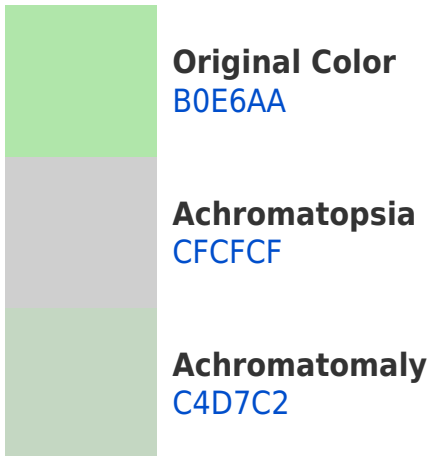
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0E6AA 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 #B0E6AA looks like.

```
.text, #text, p{  
    color:#B0E6AA  
}
```

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 #B0E6AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0E6AA
}
```

Border

The CSS property to change the border of an element to Hex B0E6AA 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
#B0E6AA }
```

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

```
.border{ border-color:#B0E6AA }
```

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

Here you see how a box with a 4 pixel #B0E6AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0E6AA; -webkit-box-shadow:4px 4px  
4px 4px #B0E6AA; box-shadow:4px 4px 4px  
4px #B0E6AA }
```

Background

The CSS property to change the background color of an element to Hex B0E6AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0E6AA }
```

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

```
.background{ background-color:#B0E6AA }
```

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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