

Converting Colors

Hex(B0EE8A)

Have a look what the booklet for
Hex(B0EE8A) contains.

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Color

Hex(B0EE8A)

Conversions

Conversions Part 1

Format	Color
Hex	B0EE8A
RGB	176, 238, 138
RGB Percent	69%, 93%, 54%
CMY	0.3098, 0.0667, 0.4588
CMYK	0.26, 0.00, 0.42, 0.07
HSL	97°, 75%, 74%
HSV	97°, 42%, 93%
XYZ	53.0665, 72.2142, 35.1866
YIQ	208.0620, -4.8520, -44.2440

Conversions

Conversions Part 2

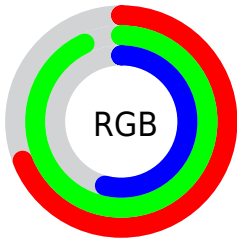
Format	Color
RYB	138, 238, 200
Decimal	11595402
CIELab	88.07, -36.87, 42.19
CIELCh	88, 56.027, 131.151
Yxy	72.2142, 0.3307, 0.4500
Android (android.graphics.Color)	4289785482 (0xFFB0EE8A)
YUV	208.0620, -34.5406, -28.1184
Hunter-Lab	84.9789, -37.2458, 34.9355

Details

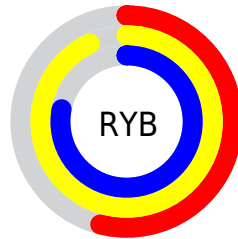
The Hex color **B0EE8A** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C88AEE**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **E9FFC1**, and **79B656** is the 20% darker color. If you saturate the color by 10%, you get **A1EE72**, and if you desaturate by 10%, it is **BFEEA2**.

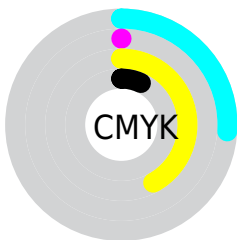
Distribution



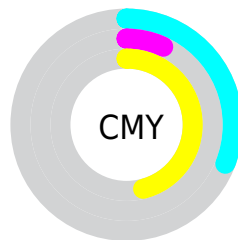
- Red (69%)
- Green (93%)
- Blue (54%)



- Red (54%)
- Yellow (93%)
- Blue (78%)



- Cyan (26%)
- Magenta (0%)
- Yellow (42%)
- Black (7%)



- Cyan (31%)
- Magenta (7%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0EE8A 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 B0EE8A by changing the saturation by 10% instead.

 B0EE8A

 B0EE8A

FFFFFF

 94D270

 E9FFC1

 79B656

 FFFFDD

 5E9B3D

 FFFFFA

 448024

 286705

 064E00

 003700

 002300

 000000

 B0EE8A

 B0EE8A

 A1EE72

 BFEEA2

 92EE5A

 CEEEB A

 84EE43

 DCEED1

 75EE2B

 EBEEE9

 66EE13

 FAEEFF

 5AEE00

 FFEEFF

Harmonies

Analogous

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



EAE071



B0EE8A



65F6B9

Triad

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



B0EE8A



0BECFF



FFB1CB

Complementary

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



B0EE8A



C88AEE

Split Complementary

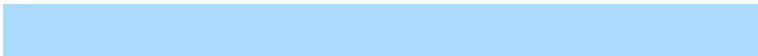
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB6FF



B0EE8A



ABDCFF

Square

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



B0EE8A



00F5FF



FCC7FF



FFBC99

Rectangle

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



B0EE8A



00F8DD



FCC7FF



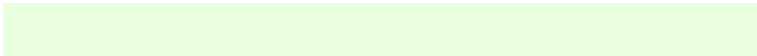
FFB1DD

Sweetspot

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



B0EE8A



E AFFDE



E EC88A



73806B



000000



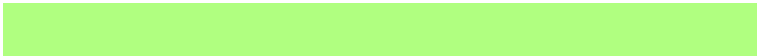
808080

Same Dimension

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



B0EE8A



B0FF80



8AEE96



70786C



46B800



153800

Inverse Universe

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



C88AEE



CF80FF



EE8AE2



736C78



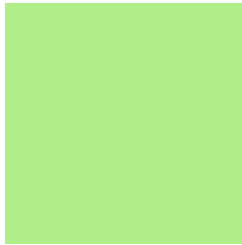
7200B8



230038

Previews

White Background



This preview shows how the Hex color B0EE8A looks on a white background.

Color Contrast Check

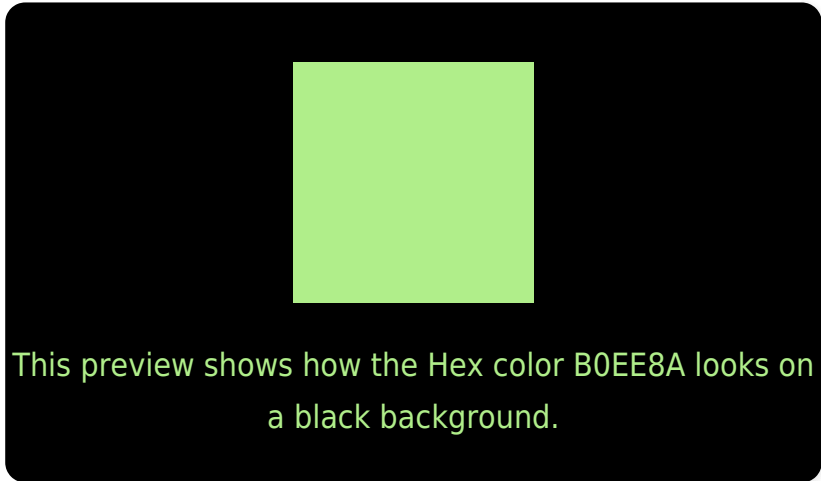
Large Text (above 18pt) WCAG AA × Fail

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

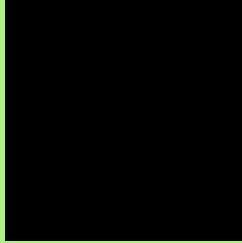
Any Text WCAG AA ✓ Pass

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 B0EE8A Background



This preview shows how black text looks on a background with the Hex color B0EE8A.

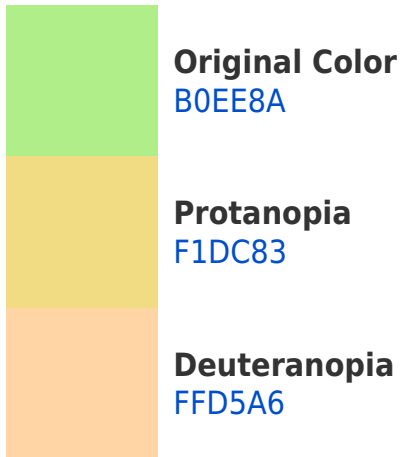


This preview shows how white text looks on a background with the Hex color B0EE8A.

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
B0EE8A



Protanomaly
D9E386



Deuteranomaly
E2DE9C

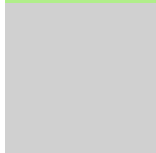


Tritanomaly
BAE6CD

Monochromacy



Original Color
B0EE8A



Achromatopsia
D0D0D0



Achromatomaly
C4DBB7

CSS Examples

Text

The CSS property to change the color of the text to Hex B0EE8A 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 #B0EE8A looks like.

```
.text, #text, p{  
    color:#B0EE8A  
}
```

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 #B0EE8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0EE8A
}
```

Border

The CSS property to change the border of an element to Hex B0EE8A 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
#B0EE8A }
```

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

```
.border{ border-color:#B0EE8A }
```

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

Here you see how a box with a 4 pixel #B0EE8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0EE8A; -webkit-box-shadow:4px 4px  
4px 4px #B0EE8A; box-shadow:4px 4px 4px  
4px #B0EE8A }
```

Background

The CSS property to change the background color of an element to Hex B0EE8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0EE8A }
```

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

```
.background{ background-color:#B0EE8A }
```

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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