

# Converting Colors

Hex(ABE3B0)

Have a look what the booklet for  
Hex(ABE3B0) contains.

<b>Hex(ABE3B0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(ABE3B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABE3B0
RGB	171, 227, 176
RGB Percent	67%, 89%, 69%
CMY	0.3294, 0.1098, 0.3098
CMYK	0.25, 0.00, 0.22, 0.11
HSL	125°, 50%, 78%
HSV	125°, 25%, 89%
XYZ	52.1001, 66.7307, 51.2086
YIQ	204.4420, -17.0050, -27.7330

# Conversions

## Conversions Part 2

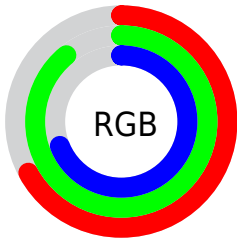
Format	Color
<a href="#">RYB</a>	<a href="#">171, 222, 227</a>
Decimal	<a href="#">11264944</a>
CIELab	<a href="#">85.37, -27.73, 19.24</a>
CIELCh	<a href="#">85, 33.749, 145.247</a>
Yxy	<a href="#">66.7307, 0.3064, 0.3924</a>
Android (android.graphics.Color)	<a href="#">4289455024</a> ( <a href="#">0xFFABE3B0</a> )
YUV	<a href="#">204.4420, -14.0219, -29.3286</a>
Hunter-Lab	<a href="#">81.6889, -29.1104, 20.0148</a>

# Details

The Hex color **ABE3B0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E3ABDE**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **E3FFE8**, and **75AB7B** is the 20% darker color. If you saturate the color by 10%, you get **94E39B**, and if you desaturate by 10%, it is **C2E3C5**.

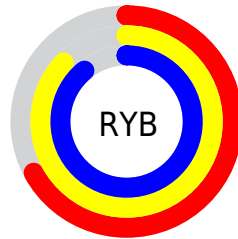
# Distribution



Red (67%)

Green (89%)

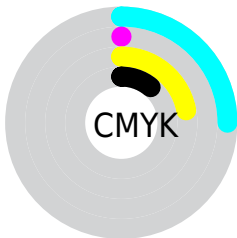
Blue (69%)



Red (67%)

Yellow (87%)

Blue (89%)

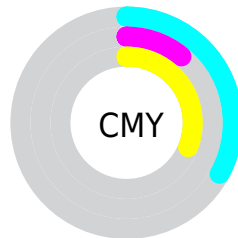


Cyan (25%)

Magenta (0%)

Yellow (22%)

Black (11%)



Cyan (33%)

Magenta (11%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABE3B0 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 ABE3B0 by changing the saturation by 10% instead.



 ABE3B0

 ABE3B0

FFFFFF

 90C795

 E3FFE8

 75AB7B

 5C9162

 43774A

 2A5E33

 0F461D

 002F06

 001B00

 000000

 ABE3B0

 ABE3B0

 94E39B

 C2E3C5

 7EE387

 D8E3D9

 67E372

 EFE3EE

 50E35D

 FFE3FF

 39E349

 23E334

 0CE31F

 00E314

# Harmonies

## Analogous

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



D0DC9B



ABE3B0



88E7CF

# Triad

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



ABE3B0



A5DAFF



FFBFBC

# Complementary

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



ABE3B0



E3ABDE

# 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.



FFBEDC



ABE3B0



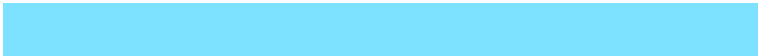
D3CFFF

# Square

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



ABE3B0



7DE2FF



F9C4FA



FFC7A2

# Rectangle

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



ABE3B0



77E7E5



F9C4FA



FFBEC6



# Sweetspot

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



ABE3B0



EDFFE9



DEE3AB



758076



000000



808080

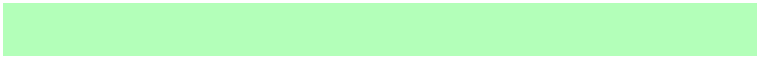


# Same Dimension

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



ABE3B0



B3FFB9



ABE3CC



677368



00B310



003305



# Inverse Universe

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



E3ABDE



FFB3F8



E3ABC2



736772



B300A3

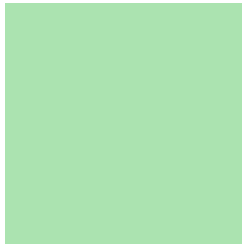


33002E



# Previews

## White Background



This preview shows how the Hex color ABE3B0 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 ABE3B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

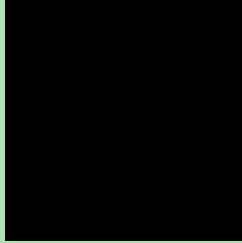
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABE3B0 Background



This preview shows how black text looks on a background with the Hex color ABE3B0.

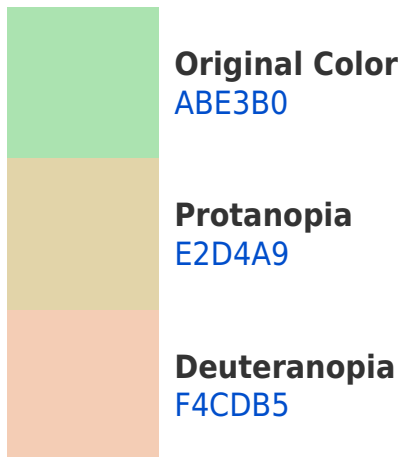


This preview shows how white text looks on a background with the Hex color ABE3B0.

# 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**  
B6DBEC

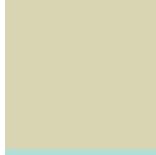
# Trichromacy



**Original Color**  
ABE3B0



**Protanomaly**  
CED9AC



**Deuteranomaly**  
D9D5B3

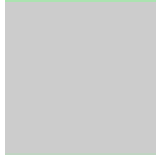


**Tritanomaly**  
B2DED6

# Monochromacy



**Original Color**  
ABE3B0



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
C0D4C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABE3B0 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 #ABE3B0 looks like.

```
.text, #text, p{  
    color:#ABE3B0  
}
```

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 #ABE3B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABE3B0
}
```

## Border

The CSS property to change the border of an element to Hex ABE3B0 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
#ABE3B0 }
```

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

```
.border{ border-color:#ABE3B0 }
```

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

Here you see how a box with a 4 pixel #ABE3B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABE3B0; -webkit-box-shadow:4px 4px  
4px 4px #ABE3B0; box-shadow:4px 4px 4px  
4px #ABE3B0 }
```

# Background

The CSS property to change the background color of an element to Hex ABE3B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABE3B0 }
```

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

```
.background{ background-color:#ABE3B0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor