

# Converting Colors

Hex(ABE57E)

Have a look what the booklet for  
Hex(ABE57E) contains.

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# Color

Hex(**ABE57E**)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | ABE57E                      |
| RGB         | 171, 229, 126               |
| RGB Percent | 67%, 90%, 49%               |
| CMY         | 0.3294, 0.1020, 0.5059      |
| CMYK        | 0.25, 0.00, 0.45, 0.10      |
| HSL         | 94°, 66%, 70%               |
| HSV         | 94°, 45%, 90%               |
| XYZ         | 48.5798, 66.2029, 29.9567   |
| YIQ         | 199.9160, -1.5050, -44.3290 |

# Conversions

## Conversions Part 2

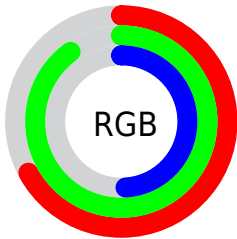
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 126, 229, 184                   |
| Decimal                             | 11265406                        |
| CIELab                              | 85.10, -36.01, 44.23            |
| CIELCh                              | 85, 57.033, 129.147             |
| Yxy                                 | 66.2029, 0.3356,<br>0.4574      |
| Android<br>(android.graphics.Color) | 4289455486<br>(0xFFABE57E)      |
| YUV                                 | 199.9160, -36.4406,<br>-25.3593 |
| Hunter-Lab                          | 81.3652, -35.8140,<br>35.1265   |

# Details

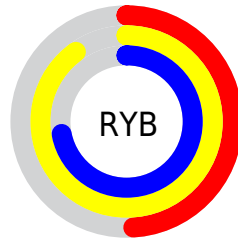
The Hex color **ABE57E** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B87EE5**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **E4FFB4**, and **74AD4A** is the 20% darker color. If you saturate the color by 10%, you get **9EE567**, and if you desaturate by 10%, it is **B8E595**.

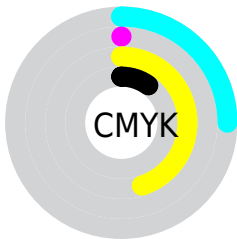
# Distribution



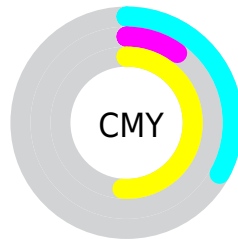
- Red (67%)
- Green (90%)
- Blue (49%)



- Red (49%)
- Yellow (90%)
- Blue (72%)



- Cyan (25%)
- Magenta (0%)
- Yellow (45%)
- Black (10%)



- Cyan (33%)
- Magenta (10%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABE57E 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 ABE57E by changing the saturation by 10% instead.



 ABE57E

 ABE57E

FFFFFF

 8FC964

 E4FFB4

 74AD4A

 FFFFD0

 599231

 FFFFED

 3F7816

 235F00

 034700

 003000

 001A00

 000000

 ABE57E

 ABE57E

 9EE567

 B8E595

 91E550

 C5E5AC

 84E539

 D2E5C3

 77E522

 DFE5DA

 6BE50B

 EBE5F1

 64E500

 F8E5FF

 FFE5FF

# Harmonies

## Analogous

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



E5D766



ABE57E



5EEDAC

# Triad

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



ABE57E



00E5FF



FFA8C6

# Complementary

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



ABE57E



B87EE5

# 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.



FFAEFC



ABE57E



99D5FF

# Square

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



ABE57E



00EEFF



EFC0FF



FFB193

# Rectangle

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



ABE57E



00F0D1



EFC0FF



FFA8D8

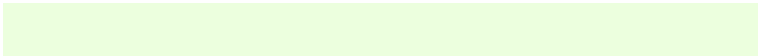


# Sweetspot

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



ABE57E



ECFFDE



E5B77E



74806B



000000



808080



# Same Dimension

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



ABE57E



B1FF75



7EE583



6C7367



4EB300



163300



# Inverse Universe

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



B87EE5



C375FF



E57EE0



6E6773



6500B3



1D0033



# Previews

## White Background



This preview shows how the Hex color ABE57E looks on a white background.

## Color Contrast Check

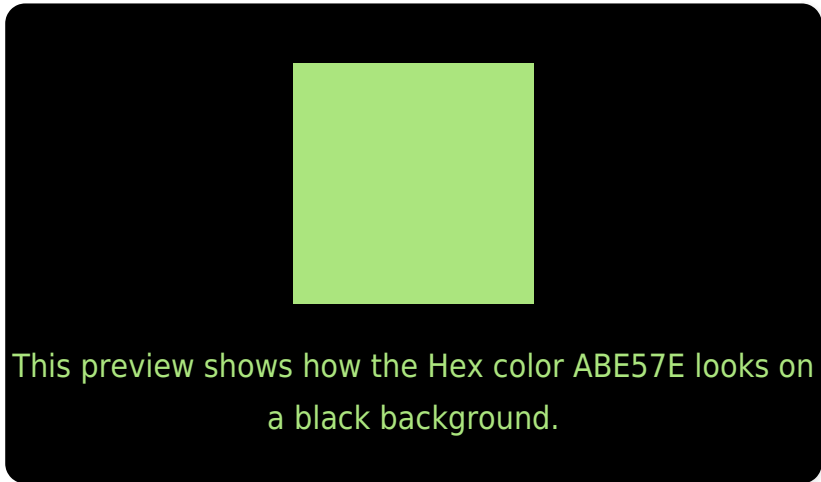
Large Text (above 18pt) WCAG AA × Fail

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

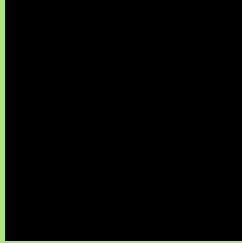
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABE57E Background



This preview shows how black text looks on a background with the Hex color ABE57E.

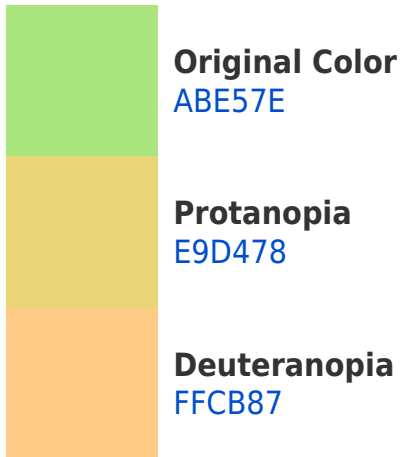


This preview shows how white text looks on a background with the Hex color ABE57E.

# 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](#).

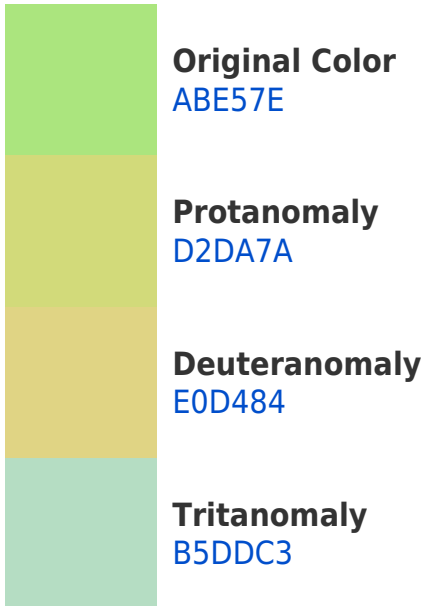
## Dichromacy



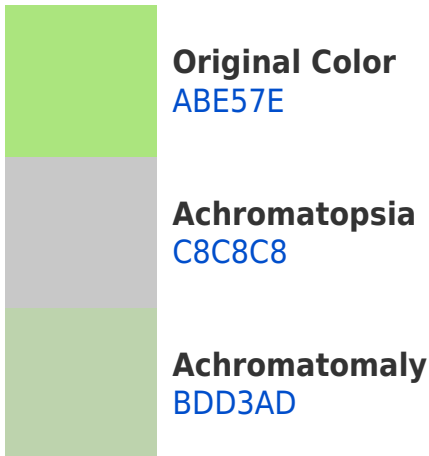


**Tritanopia**  
BBD9EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABE57E 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 #ABE57E looks like.

```
.text, #text, p{  
    color:#ABE57E  
}
```

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 #ABE57E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABE57E
}
```

## Border

The CSS property to change the border of an element to Hex ABE57E 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
#ABE57E }
```

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

```
.border{ border-color:#ABE57E }
```

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

Here you see how a box with a 4 pixel #ABE57E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABE57E; -webkit-box-shadow:4px 4px  
4px 4px #ABE57E; box-shadow:4px 4px 4px  
4px #ABE57E }
```

# Background

The CSS property to change the background color of an element to Hex ABE57E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABE57E }
```

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

```
.background{ background-color:#ABE57E }
```

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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