

# Converting Colors

Hex(ABEE94)

Have a look what the booklet for  
Hex(ABEE94) contains.

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# **Color**

**Hex(ABEE94)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABEE94
RGB	171, 238, 148
RGB Percent	67%, 93%, 58%
CMY	0.3294, 0.0667, 0.4196
CMYK	0.28, 0.00, 0.38, 0.07
HSL	105°, 73%, 76%
HSV	105°, 38%, 93%
XYZ	52.7144, 71.9451, 39.1254
YIQ	207.7070, -11.0420, -42.1940

# Conversions

## Conversions Part 2

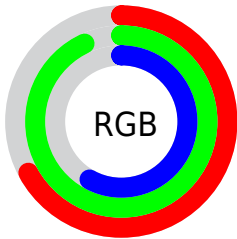
Format	Color
<a href="#">RYB</a>	<a href="#">148, 238, 215</a>
Decimal	<a href="#">11267732</a>
CIELab	<a href="#">87.94, -37.22, 37.02</a>
CIELCh	<a href="#">88, 52.500, 135.155</a>
Yxy	<a href="#">71.9451, 0.3219, 0.4393</a>
Android (android.graphics.Color)	<a href="#">4289457812 (0xFFABEE94)</a>
YUV	<a href="#">207.7070, -29.4356, -32.1920</a>
Hunter-Lab	<a href="#">84.8205, -37.5012, 32.0254</a>

# Details

The Hex color **ABEE94** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D794EE**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **E4FFCB**, and **74B660** is the 20% darker color. If you saturate the color by 10%, you get **99EE7C**, and if you desaturate by 10%, it is **BDEEAC**.

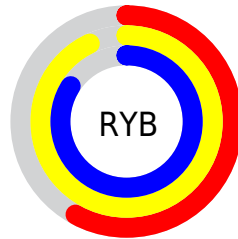
# Distribution



Red (67%)

Green (93%)

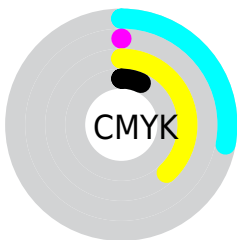
Blue (58%)



Red (58%)

Yellow (93%)

Blue (84%)

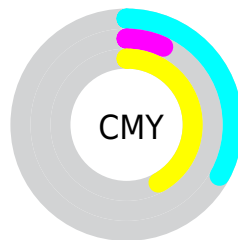


Cyan (28%)

Magenta (0%)

Yellow (38%)

Black (7%)



Cyan (33%)

Magenta (7%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABEE94 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 ABEE94 by changing the saturation by 10% instead.



 ABEE94

 ABEE94

FFFFFF

 8FD27A

 E4FFCB

 74B660

 FFFFE7

 5A9B47

 3F802F

 236716

 004E00

 003600

 002300

 000000

 ABEE94

 ABEE94

 99EE7C

 BDEEAC

 88EE64

 CEEEC4

 76EE4D

 E0EEDB

 64EE35

 F2EEF3

 52EE1D

 FFEEFF

 41EE05

 3DEE00

# Harmonies

## Analogous

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



E3E27A



ABEE94



65F5C1

# Triad

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



ABEE94



55E9FF



FFB5C5

# Complementary

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



ABEE94



D794EE

# Split Complementary

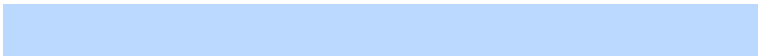
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB7F8



ABEE94



BBD9FF

# Square

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



ABEE94



00F3FF



FFC6FF



FFC098

# Rectangle

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



ABEE94



00F7E4



FFC6FF



FFB4D6

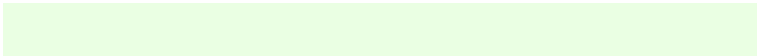


# Sweetspot

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



ABEE94



EAFFE3



EED694



73806F



000000



808080



# Same Dimension

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



ABEE94



AAFF8C



94EEA9



6F786C



2FB800



0E3800



# Inverse Universe

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



D794EE



E28CFF



EE94D9



756C78



8900B8

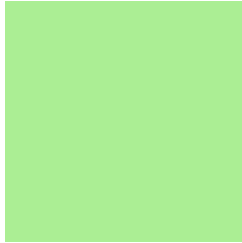


2A0038



# Previews

## White Background



This preview shows how the Hex color ABEE94 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 ABEE94 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

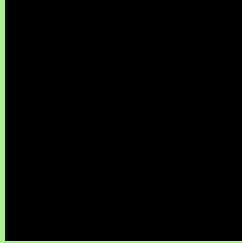
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ABEE94 Background



This preview shows how black text looks on a background with the Hex color ABEE94.

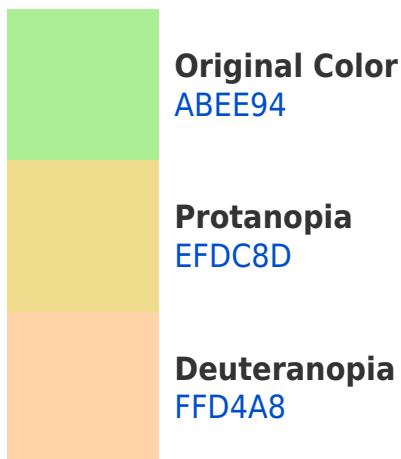


This preview shows how white text looks on a background with the Hex color ABEE94.

# 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



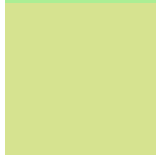


**Tritanopia**  
BBE2F4

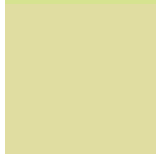
# Trichromacy



**Original Color**  
ABEE94



**Protanomaly**  
D6E390



**Deuteranomaly**  
E0DDA1

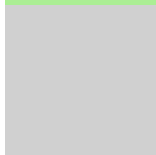


**Tritanomaly**  
B5E6D1

# Monochromacy



**Original Color**  
ABEE94



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
C3DBBA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABEE94 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 #ABEE94 looks like.

```
.text, #text, p{  
    color:#ABEE94  
}
```

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 #ABEE94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABEE94
}
```

## Border

The CSS property to change the border of an element to Hex ABEE94 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
#ABEE94 }
```

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

```
.border{ border-color:#ABEE94 }
```

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

Here you see how a box with a 4 pixel #ABEE94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABEE94; -webkit-box-shadow:4px 4px  
4px 4px #ABEE94; box-shadow:4px 4px 4px  
4px #ABEE94 }
```

# Background

The CSS property to change the background color of an element to Hex ABEE94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABEE94 }
```

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

```
.background{ background-color:#ABEE94 }
```

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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