

# Converting Colors

Hex(ABF3E8)

Have a look what the booklet for  
Hex(ABF3E8) contains.

<b>Hex(ABF3E8)</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(ABF3E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABF3E8
RGB	171, 243, 232
RGB Percent	67%, 95%, 91%
CMY	0.3294, 0.0471, 0.0902
CMYK	0.30, 0.00, 0.05, 0.05
HSL	171°, 75%, 81%
HSV	171°, 30%, 95%
XYZ	63.4107, 78.5853, 88.1703
YIQ	220.2180, -39.3810, -18.6850

# Conversions

## Conversions Part 2

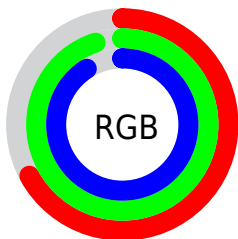
Format	Color
<b>RYB</b>	171, 210, 243
Decimal	11269096
CIELab	91.05, -24.51, -1.85
CIELCh	91, 24.581, 184.325
Yxy	78.5853, 0.2755, 0.3414
Android (android.graphics.Color)	4289459176 (0xFFABF3E8)
YUV	220.2180, 5.8085, -43.1642
Hunter-Lab	88.6484, -27.4526, 3.0836

# Details

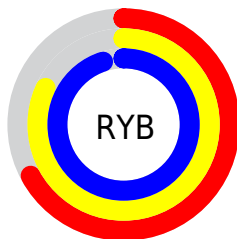
The Hex color **ABF3E8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F3ABB6**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **E4FFFF**, and **74BBB0** is the 20% darker color. If you saturate the color by 10%, you get **93F3E4**, and if you desaturate by 10%, it is **C3F3EC**.

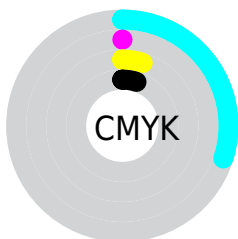
# Distribution



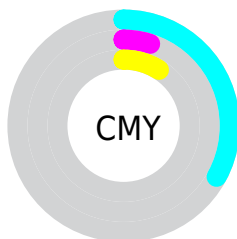
- Red (67%)
- Green (95%)
- Blue (91%)



- Red (67%)
- Yellow (82%)
- Blue (95%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (33%)
- Magenta (5%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABF3E8 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 ABF3E8 by changing the saturation by 10% instead.



 ABF3E8

 ABF3E8

FFFFFF

 8FD6CC

 E4FFFF

 74BBB0

 599F96

 3F857C

 226C63

 00534B

 003C35

 002620

 000808

 ABF3E8

 ABF3E8

 93F3E4

 C3F3EC

 7AF3E1

 DCF3EF

 62F3DD

 F4F3F3

 4AF3D9

 FFF3F7

 31F3D5

 FFF3FB

 19F3D2

 FFF3FE

 01F3CE

 FFF3FF

 00F3CE

# Harmonies

## Analogous

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



BFF1D0



ABF3E8



A5F2FF

# Triad

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



ABF3E8



EEDEFF



FFDDBC

# Complementary

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



ABF3E8



F3ABB6

# 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.



FFD7CC



ABF3E8



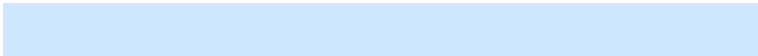
FFD7FA

# Square

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



ABF3E8



CFE6FF



FFD5E3



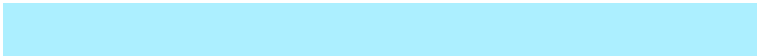
F4E5B6

# Rectangle

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



ABF3E8



ACEFFF



FFD5E3



FFDBC0



# Sweetspot

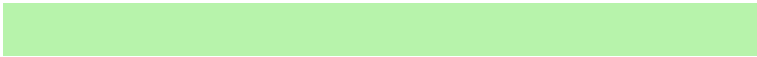
The Sweet Spot groups the original color and five complimentary colors.



ABF3E8



E8FFFB



B7F3AB



71807D



000000



808080



# Same Dimension

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



ABF3E8



A3FFF1



ABDBF3



6E7A79



00BA9E



003B32



# Inverse Universe

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



F3ABB6



FFA3B1



F3C3AB



7A6E70



BA001C

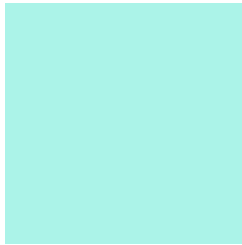


3B0009



# Previews

## White Background



This preview shows how the Hex color ABF3E8 looks on a white background.

## Color Contrast Check

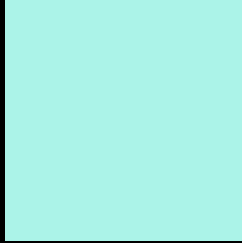
Large Text (above 18pt) WCAG AA × Fail

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 ABF3E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

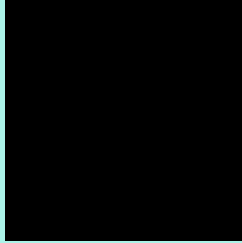
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

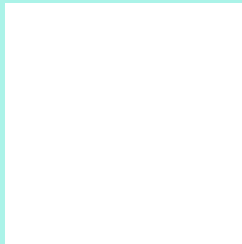
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ABF3E8 Background



This preview shows how black text looks on a background with the Hex color ABF3E8.

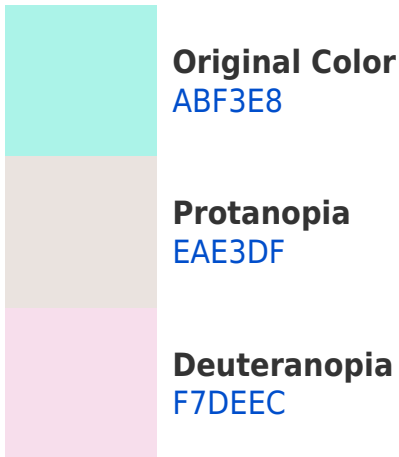


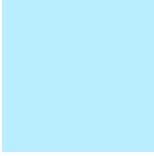
This preview shows how white text looks on a background with the Hex color ABF3E8.

# 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](#).

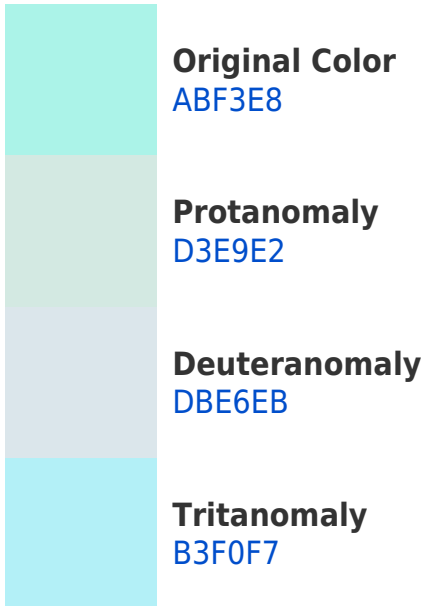
## Dichromacy



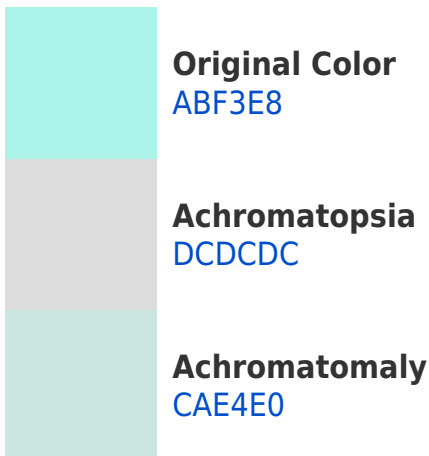


**Tritanopia**  
B8EEFF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABF3E8 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 #ABF3E8 looks like.

```
.text, #text, p{  
    color:#ABF3E8  
}
```

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 #ABF3E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABF3E8
}
```

## Border

The CSS property to change the border of an element to Hex ABF3E8 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
#ABF3E8 }
```

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

```
.border{ border-color:#ABF3E8 }
```

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

Here you see how a box with a 4 pixel #ABF3E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABF3E8; -webkit-box-shadow:4px 4px  
4px 4px #ABF3E8; box-shadow:4px 4px 4px  
4px #ABF3E8 }
```

# Background

The CSS property to change the background color of an element to Hex ABF3E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABF3E8 }
```

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

```
.background{ background-color:#ABF3E8 }
```

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