

# Converting Colors

Hex(BAFF9E)

Have a look what the booklet for  
Hex(BAFF9E) contains.

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# **Color**

**Hex(BAFF9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAFF9E
RGB	186, 255, 158
RGB Percent	73%, 100%, 62%
CMY	0.2706, 0.0000, 0.3804
CMYK	0.27, 0.00, 0.38, 0.00
HSL	103°, 100%, 81%
HSV	103°, 38%, 100%
XYZ	62.1813, 84.4277, 45.3666
YIQ	223.3110, -9.9870, -44.7950

# Conversions

## Conversions Part 2

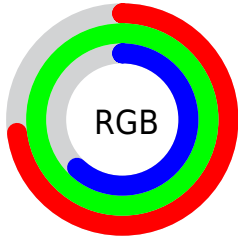
Format	Color
<a href="#">RYB</a>	<a href="#">158, 255, 227</a>
Decimal	<a href="#">12255134</a>
CIELab	<a href="#">93.64, -38.51, 39.65</a>
CIElCh	<a href="#">94, 55.276, 134.169</a>
Yxy	<a href="#">84.4277, 0.3239, 0.4398</a>
Android (android.graphics.Color)	<a href="#">4290445214 (0xFFBAFF9E)</a>
YUV	<a href="#">223.3110, -32.1983, -32.7217</a>
Hunter-Lab	<a href="#">91.8846, -40.0013, 35.0456</a>

# Details

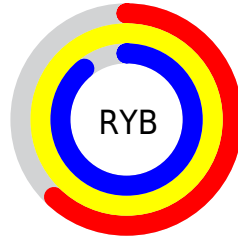
The Hex color **BAFF9E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **E39EFF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **F4FFD6**, and **82C669** is the 20% darker color. If you saturate the color by 10%, you get **A8FF84**, and if you desaturate by 10%, it is **CCFFB8**.

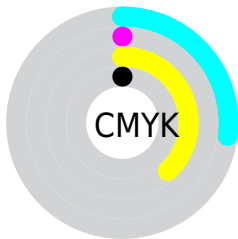
# Distribution



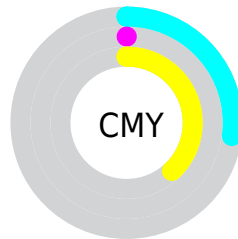
- Red (73%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (89%)



- Cyan (27%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAFF9E 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 BAFF9E by changing the saturation by 10% instead.



 BAFF9E

 BAFF9E

FFFFFF

 9EE283


 F4FFD6

 82C669

 FFFFF2

 67AA50

 4D9037

 31751E

 125C01

 004400

 002D00

 001500

 BAFF9E

 BAFF9E

 A8FF84

 CCFFB8

 96FF6B

 DEFFD1

 84FF52

 F0FFEB

 71FF38

FFFFFF

 5FFF1F

 4DFF05

 4AFF00

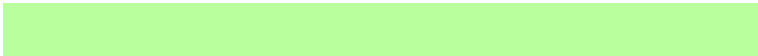
# Harmonies

## Analogous

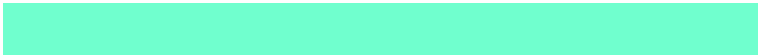
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F5F283



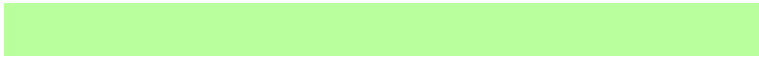
BAFF9E



70FFCE

# Triad

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



BAFF9E



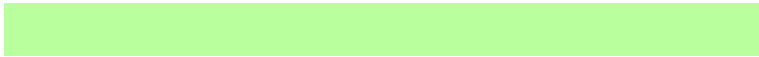
58FAFF



FFC2D5

# Complementary

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



BAFF9E



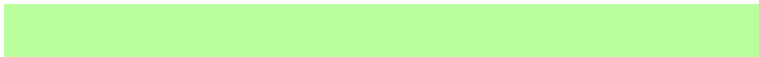
E39EFF

# Split Complementary

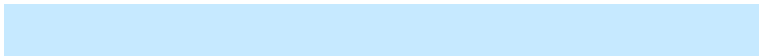
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC5FF



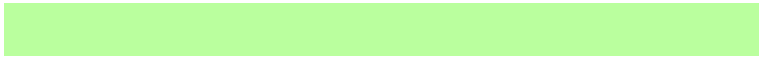
BAFF9E



C6E9FF

# Square

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



BAFF9E



00FFFF



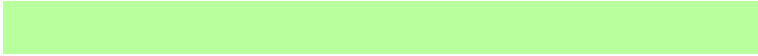
FFD5FF



FFCDA5

# Rectangle

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



BAFF9E



13FFF3



FFD5FF

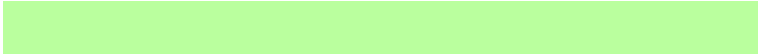


FFC2E7

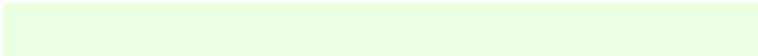


# Sweetspot

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



BAFF9E



EBFFE3



FFE29E



74806F



000000

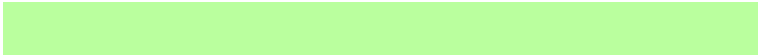


808080

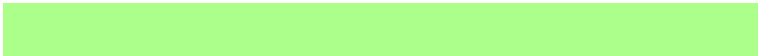


# Same Dimension

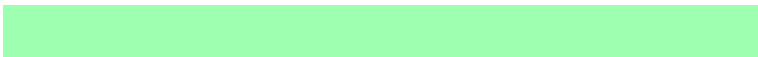
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BAFF9E



ACFF8A



9EFFB1



768073



37BF00



124000



# Inverse Universe

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



E39EFF



DD8AFF



FF9EEC



7C7380



8800BF

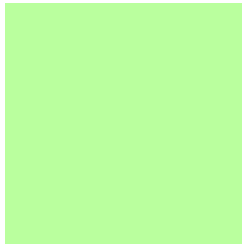


2D0040



# Previews

## White Background



This preview shows how the Hex color BAFF9E looks on a white background.

## Color Contrast Check

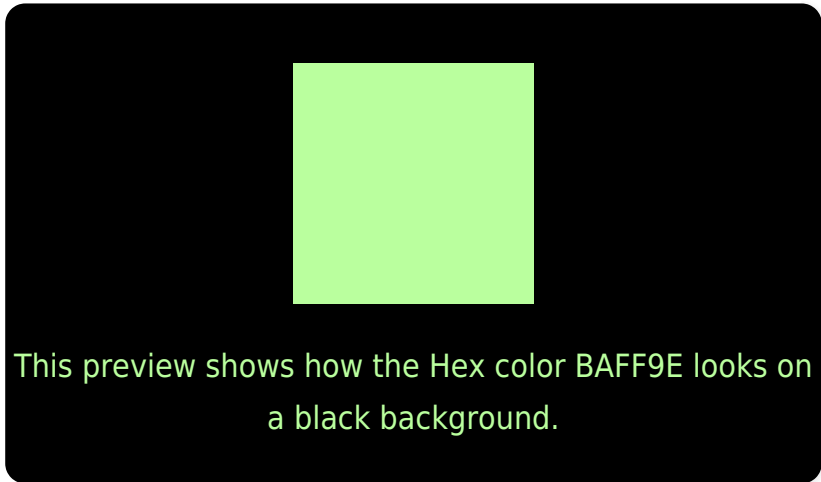
Large Text (above 18pt) WCAG AA × Fail

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

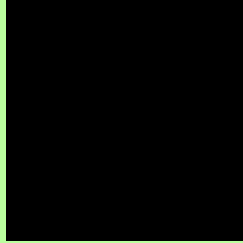
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

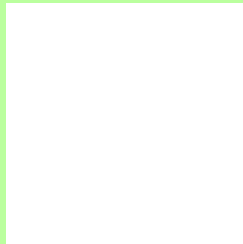
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BAFF9E Background



This preview shows how black text looks on a background with the Hex color BAFF9E.

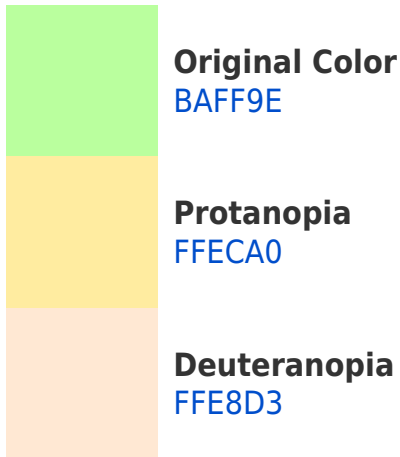


This preview shows how white text looks on a background with the Hex color BAFF9E.

# 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



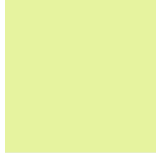


**Tritanopia**  
D5F1FF

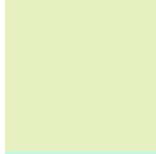
# Trichromacy



**Original Color**  
BAFF9E



**Protanomaly**  
E6F39F

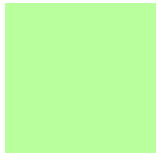


**Deuteranomaly**  
E6F0C0

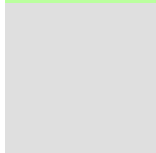


**Tritanomaly**  
CBF6DC

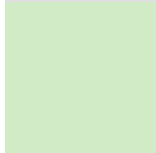
# Monochromacy



**Original Color**  
BAFF9E



**Achromatopsia**  
DFDFDF



**Achromatomaly**  
D2EBC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAFF9E 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 #BAFF9E looks like.

```
.text, #text, p{  
    color:#BAFF9E  
}
```

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 #BAFF9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAFF9E
}
```

## Border

The CSS property to change the border of an element to Hex BAFF9E 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
#BAFF9E }
```

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

```
.border{ border-color:#BAFF9E }
```

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

Here you see how a box with a 4 pixel #BAFF9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAFF9E; -webkit-box-shadow:4px 4px  
4px 4px #BAFF9E; box-shadow:4px 4px 4px  
4px #BAFF9E }
```

# Background

The CSS property to change the background color of an element to Hex BAFF9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAFF9E }
```

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

```
.background{ background-color:#BAFF9E }
```

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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