

# Converting Colors

Hex(BAF59F)

Have a look what the booklet for  
Hex(BAF59F) contains.

<b>Hex(BAF59F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(BAF59F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAF59F
RGB	186, 245, 159
RGB Percent	73%, 96%, 62%
CMY	0.2706, 0.0392, 0.3765
CMYK	0.24, 0.00, 0.35, 0.04
HSL	101°, 81%, 79%
HSV	101°, 35%, 96%
XYZ	59.1601, 78.2471, 44.7860
YIQ	217.5550, -7.5580, -39.2540

# Conversions

## Conversions Part 2

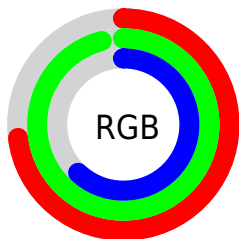
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 245, 218
Decimal	12252575
CIELab	90.89, -33.84, 35.56
CIElCh	91, 49.085, 133.578
Yxy	78.2471, 0.3247, 0.4295
Android (android.graphics.Color)	4290442655 (0xFFBAF59F)
YUV	217.5550, -28.8676, -27.6737
Hunter-Lab	88.4574, -35.4201, 31.9016

# Details

The Hex color **BAF59F** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **DA9FF5**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **F3FFD6**, and **83BC6B** is the 20% darker color. If you saturate the color by 10%, you get **A9F587**, and if you desaturate by 10%, it is **CBF5B8**.

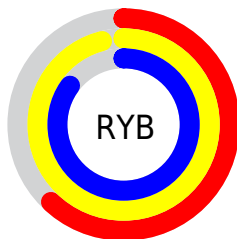
# Distribution



Red (73%)

Green (96%)

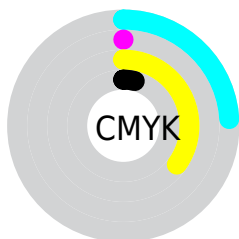
Blue (62%)



Red (62%)

Yellow (96%)

Blue (85%)

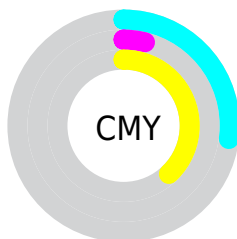


Cyan (24%)

Magenta (0%)

Yellow (35%)

Black (4%)



Cyan (27%)

Magenta (4%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAF59F 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 BAF59F by changing the saturation by 10% instead.



 BAF59F

FFFFFF

 F3FFD6

 FFFFF3

 BAF59F

 9ED884

 83BC6B

 68A151

 4E8739

 346D21

 195406

 003C00

 002700

 000600

 BAF59F

 BAF59F

 A9F587

 CBF5B8

 98F56E

 DCF5D0

 88F556

 ECF5E9

 77F53D

 FDF5FF

 66F524

 FFF5FF

 55F50C

 4DF500

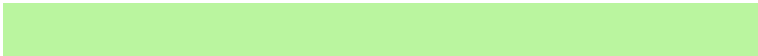
# Harmonies

## Analogous

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



EEE988



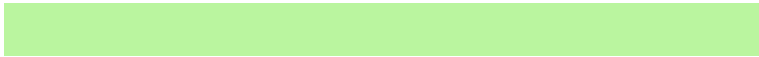
BAF59F



7DFCC9

# Triad

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



BAF59F



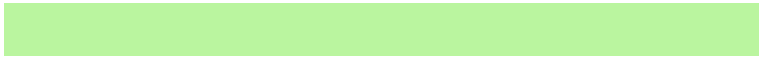
6EF1FF



FFC0D1

# Complementary

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



BAF59F



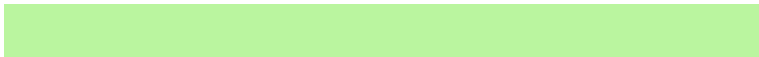
DA9FF5

# Split Complementary

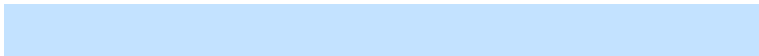
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC3FF



BAF59F



C3E2FF

# Square

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



BAF59F



00FAFF



FFD1FF



FFC9A6

# Rectangle

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



BAF59F



4BFEE9



FFD1FF

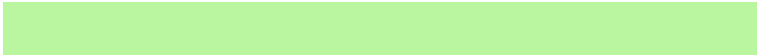


FFC0E1

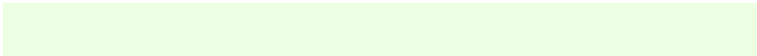


# Sweetspot

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



BAF59F



ECFFE3



F5DA9F



74806F



000000



808080



# Same Dimension

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



BAF59F



B6FF94



9FF5AF



727A6E



3ABA00



123B00



# Inverse Universe

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



DA9FF5



DD94FF



F59FE5



776E7A



8000BA

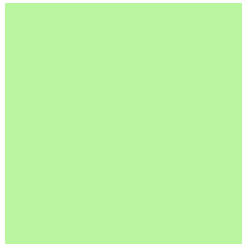


28003B



# Previews

## White Background



This preview shows how the Hex color BAF59F looks on a white background.

## Color Contrast Check

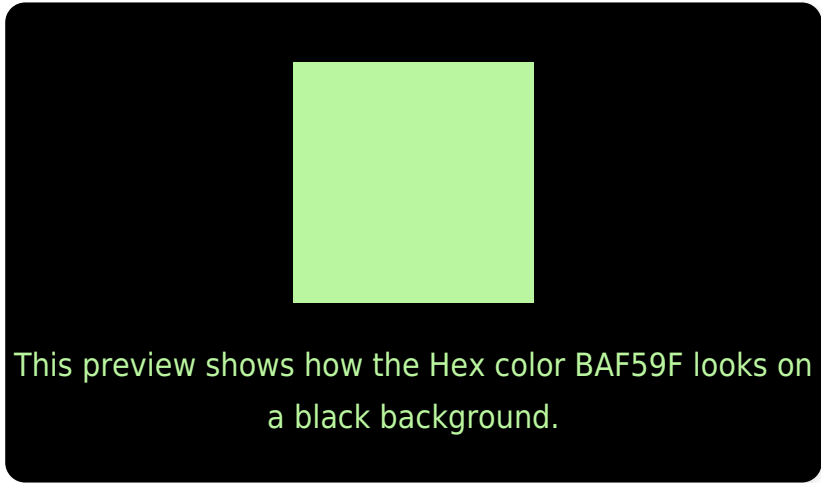
Large Text (above 18pt) WCAG AA × Fail

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

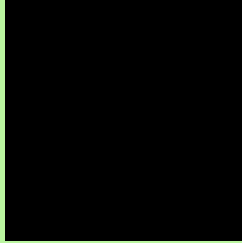
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BAF59F Background



This preview shows how black text looks on a background with the Hex color BAF59F.

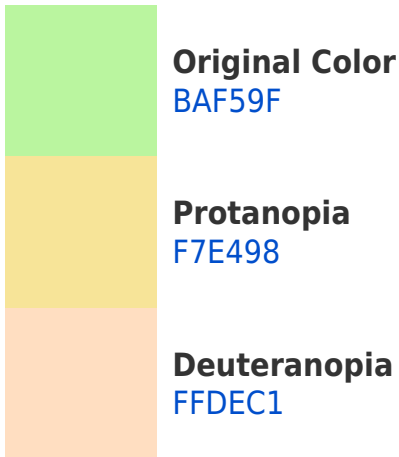


This preview shows how white text looks on a background with the Hex color BAF59F.

# 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

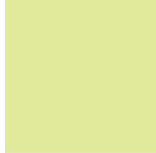




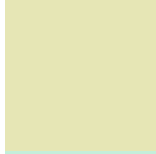
# Trichromacy



**Original Color**  
BAF59F



**Protanomaly**  
E1EA9B

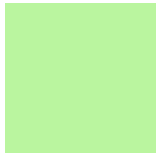


**Deuteranomaly**  
E6E6B5

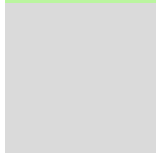


**Tritanomaly**  
C4EEDA

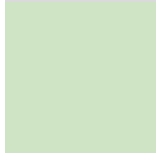
# Monochromacy



**Original Color**  
BAF59F



**Achromatopsia**  
DADADA



**Achromatomaly**  
CEE4C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAF59F 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 #BAF59F looks like.

```
.text, #text, p{  
    color:#BAF59F  
}
```

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 #BAF59F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAF59F
}
```

## Border

The CSS property to change the border of an element to Hex BAF59F 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
#BAF59F }
```

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

```
.border{ border-color:#BAF59F }
```

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

Here you see how a box with a 4 pixel #BAF59F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAF59F; -webkit-box-shadow:4px 4px  
4px 4px #BAF59F; box-shadow:4px 4px 4px  
4px #BAF59F }
```

# Background

The CSS property to change the background color of an element to Hex BAF59F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAF59F }
```

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

```
.background{ background-color:#BAF59F }
```

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