

# Converting Colors

Hex(BAF696)

Have a look what the booklet for  
Hex(BAF696) contains.

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**Color**

**Hex(BAF696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAF696
RGB	186, 246, 150
RGB Percent	73%, 96%, 59%
CMY	0.2706, 0.0353, 0.4118
CMYK	0.24, 0.00, 0.39, 0.04
HSL	98°, 84%, 78%
HSV	98°, 39%, 96%
XYZ	58.7105, 78.5526, 40.9220
YIQ	217.1160, -4.9440, -42.5760

# Conversions

## Conversions Part 2

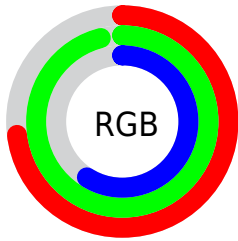
Format	Color
<a href="#">RYB</a>	<a href="#">150, 246, 210</a>
Decimal	<a href="#">12252822</a>
CIELab	<a href="#">91.03, -35.52, 40.21</a>
CIElCh	<a href="#">91, 53.648, 131.459</a>
Yxy	<a href="#">78.5526, 0.3295, 0.4408</a>
Android (android.graphics.Color)	<a href="#">4290442902 (0xFFBAF696)</a>
YUV	<a href="#">217.1160, -33.0882, -27.2887</a>
Hunter-Lab	<a href="#">88.6299, -36.8599, 34.6657</a>

# Details

The Hex color **BAF696** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D296F6**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **F4FFCD**, and **83BD62** is the 20% darker color. If you saturate the color by 10%, you get **ABF67D**, and if you desaturate by 10%, it is **C9F6AF**.

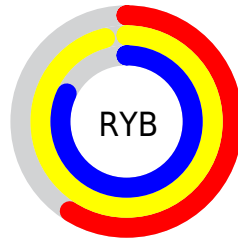
# Distribution



Red (73%)

Green (96%)

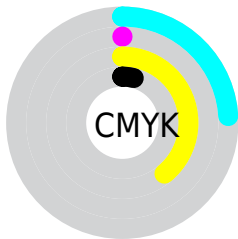
Blue (59%)



Red (59%)

Yellow (96%)

Blue (82%)

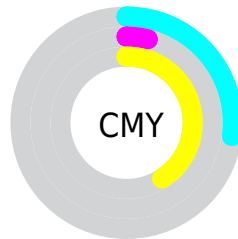


Cyan (24%)

Magenta (0%)

Yellow (39%)

Black (4%)



Cyan (27%)

Magenta (4%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BAF696 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 BAF696 by changing the saturation by 10% instead.



 BAF696

FFFFFF

 F4FFCD

 FFFFEA

 BAF696

 9ED97B

 83BD62

 68A248

 4E8830

 336E16

 165500

 003D00

 002800

 000700

 BAF696

 BAF696

 ABF67D

 C9F6AF

 9BF665

 D9F6C7

 8CF64C

 E8F6E0

 7CF634

 F8F6F8

 6DF61B

 FFF6FF

 5EF602

 5CF600

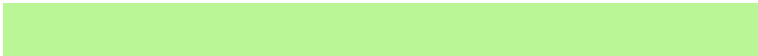
# Harmonies

## Analogous

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



F3E97E



BAF696



75FEC3

# Triad

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



BAF696



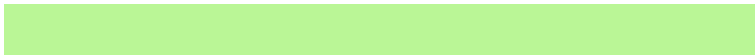
4AF4FF



FFBCD3

# Complementary

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



BAF696



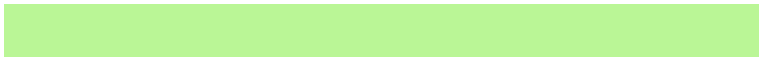
D296F6

# Split Complementary

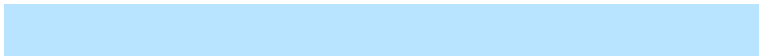
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC0FF



BAF696



B8E4FF

# Square

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



BAF696



00DFF



FFD0FF



FFC6A4

# Rectangle

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



BAF696



2DFFE6



FFD0FF

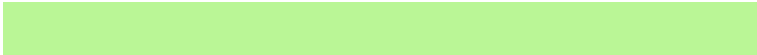


FFBCE5

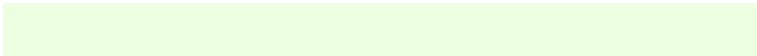


# Sweetspot

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



BAF696



ECFFE0



F6D196



74806E



000000

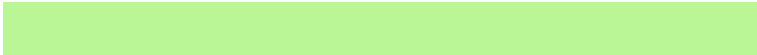


808080

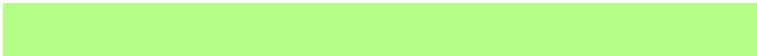


# Same Dimension

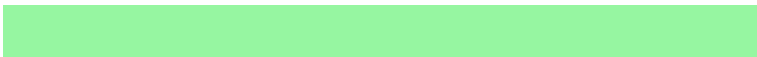
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BAF696



B4FF87



96F6A1



737A6E



46BA00



163B00



# Inverse Universe

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



D296F6



D287FF



F696EB



766E7A



7400BA

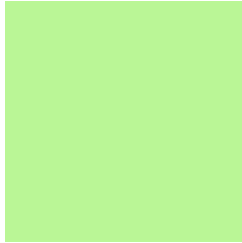


25003B



# Previews

## White Background



This preview shows how the Hex color BAF696 looks on a white background.

## Color Contrast Check

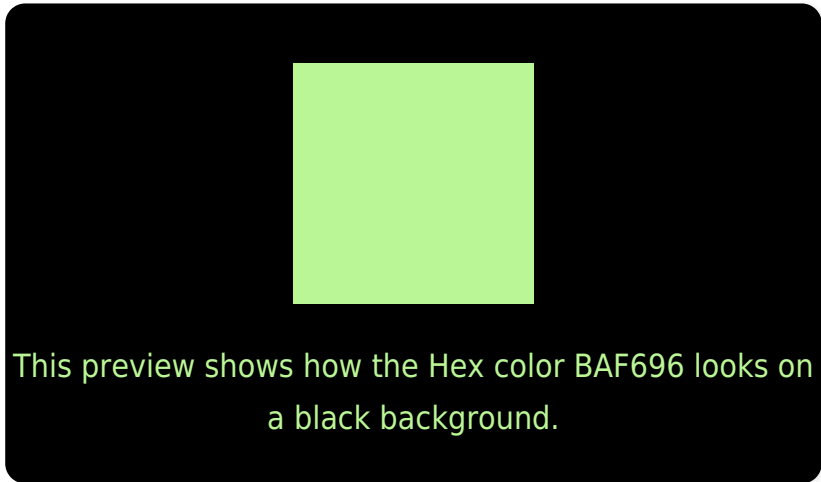
Large Text (above 18pt) WCAG AA × Fail

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 BAF696 Background



This preview shows how black text looks on a background with the Hex color BAF696.

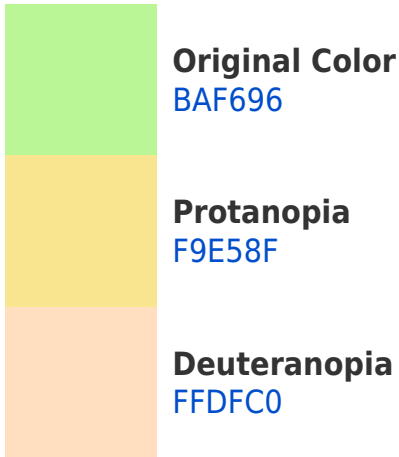


This preview shows how white text looks on a background with the Hex color BAF696.

# 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

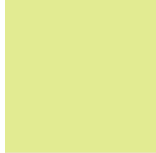




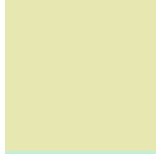
# Trichromacy



**Original Color**  
BAF696



**Protanomaly**  
E2EB92



**Deuteranomaly**  
E6E7B1

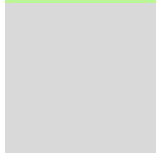


**Tritanomaly**  
C4EED7

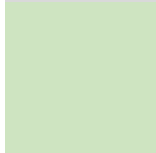
# Monochromacy



**Original Color**  
BAF696



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
CEE4C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BAF696 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 #BAF696 looks like.

```
.text, #text, p{  
    color:#BAF696  
}
```

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 #BAF696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BAF696
}
```

## Border

The CSS property to change the border of an element to Hex BAF696 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
#BAF696 }
```

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

```
.border{ border-color:#BAF696 }
```

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

Here you see how a box with a 4 pixel #BAF696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BAF696; -webkit-box-shadow:4px 4px  
4px 4px #BAF696; box-shadow:4px 4px 4px  
4px #BAF696 }
```

# Background

The CSS property to change the background color of an element to Hex BAF696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BAF696 }
```

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

```
.background{ background-color:#BAF696 }
```

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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