

# Converting Colors

Hex(BFEC9A)

Have a look what the booklet for  
Hex(BFEC9A) contains.

<b>Hex(BFEC9A)</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(BFEC9A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BFEC9A
RGB	191, 236, 154
RGB Percent	75%, 93%, 60%
CMY	0.2510, 0.0745, 0.3961
CMYK	0.19, 0.00, 0.35, 0.07
HSL	93°, 68%, 76%
HSV	93°, 35%, 93%
XYZ	57.3140, 73.4004, 41.7188
YIQ	213.1970, -0.4980, -35.0420

# Conversions

## Conversions Part 2

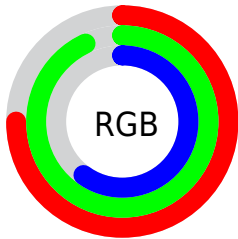
Format	Color
<a href="#">RYB</a>	<a href="#">154, 236, 199</a>
Decimal	<a href="#">12577946</a>
CIELab	<a href="#">88.64, -28.61, 35.15</a>
CIELCh	<a href="#">89, 45.319, 129.142</a>
Yxy	<a href="#">73.4004, 0.3324, 0.4257</a>
Android (android.graphics.Color)	<a href="#">4290768026</a> ( <a href="#">0xFFBFEC9A</a> )
YUV	<a href="#">213.1970, -29.1841, -19.4668</a>
Hunter-Lab	<a href="#">85.6740, -30.5169, 31.1007</a>

# Details

The Hex color **BFEC9A** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C79AEC**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **F8FFD1**, and **88B466** is the 20% darker color. If you saturate the color by 10%, you get **B2EC82**, and if you desaturate by 10%, it is **CCECB2**.

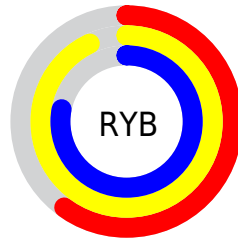
# Distribution



Red (75%)

Green (93%)

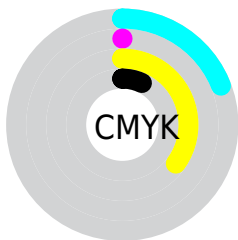
Blue (60%)



Red (60%)

Yellow (93%)

Blue (78%)

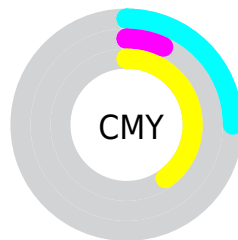


Cyan (19%)

Magenta (0%)

Yellow (35%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFEC9A 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 BFEC9A by changing the saturation by 10% instead.



 BFEC9A

 BFEC9A

FFFFFF

 A3D080

 F8FFD1

 88B466

 FFFFEE

 6E994D

 547F35

 3B661D

 224D02

 083600

 002200

 000000

 BFEC9A

 BFEC9A

 B2EC82

 CCECB2

 A5EC6B

 D9ECC9

 98EC53

 E6ECE1

 8BEC3C

 F3ECF8

 7EEC24

 FFECFF

 71EC0C

 6AEC00

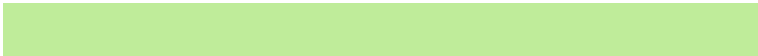
# Harmonies

## Analogous

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



EEE088



BFEC9A



8AF3BE

# Triad

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



BFEC9A



6BEBFF



FFBDD3

# Complementary

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



BFEC9A



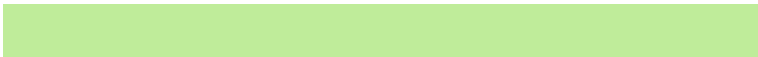
C79AEC

# Split Complementary

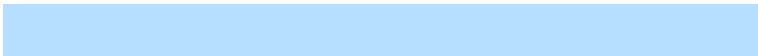
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC1FE



BFEC9A



B6DEFF

# Square

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



BFEC9A



2BF3FF



F5CEFF



FFC4AA

# Rectangle

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



BFEC9A



62F6DC



F5CEFF



FFBDE1



# Sweetspot

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



BFEC9A



F1FFE6



ECC69A



778070



000000



808080

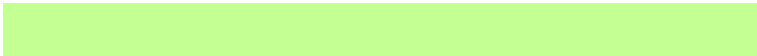


# Same Dimension

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



BFEC9A



C4FF94



9AEC9D



6F756A



52B500



183600



# Inverse Universe

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



C79AEC



CF94FF



EC9AE9



706A75



6300B5

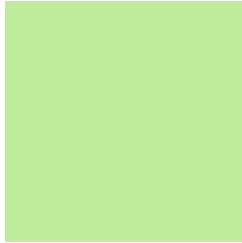


1D0036



# Previews

## White Background



This preview shows how the Hex color BFEC9A looks on a white background.

## Color Contrast Check

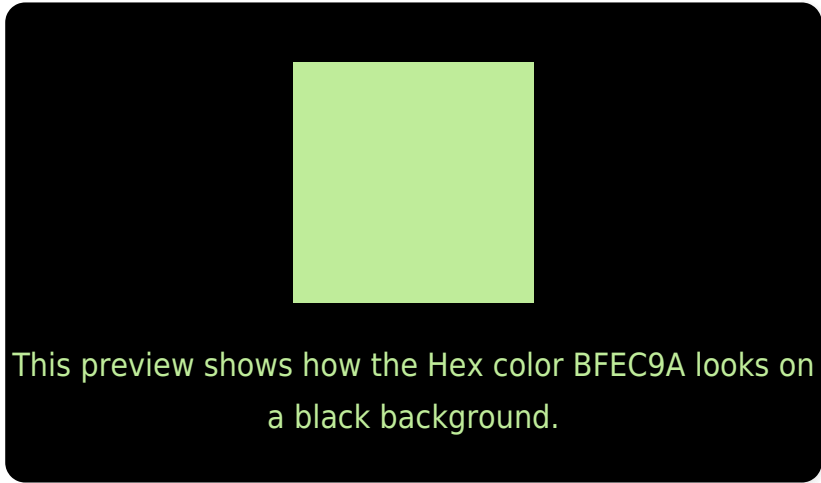
Large Text (above 18pt) WCAG AA × Fail

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

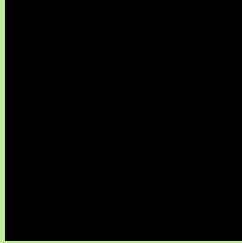
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BFEC9A Background



This preview shows how black text looks on a background with the Hex color BFEC9A.

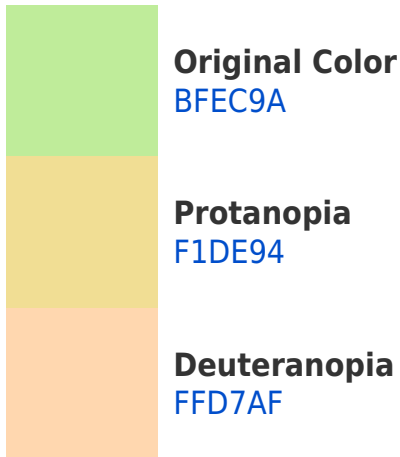


This preview shows how white text looks on a background with the Hex color BFEC9A.

# Color Blindness Simulation

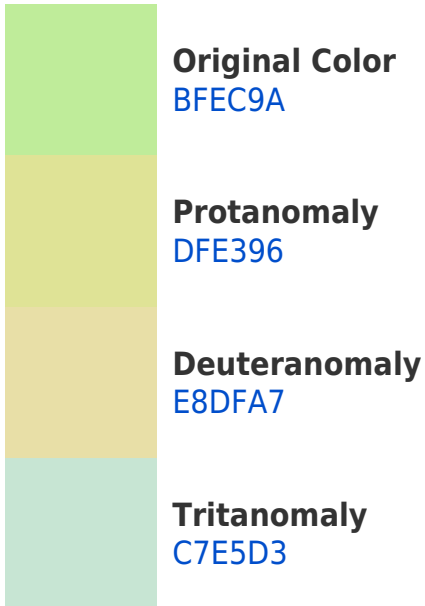
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

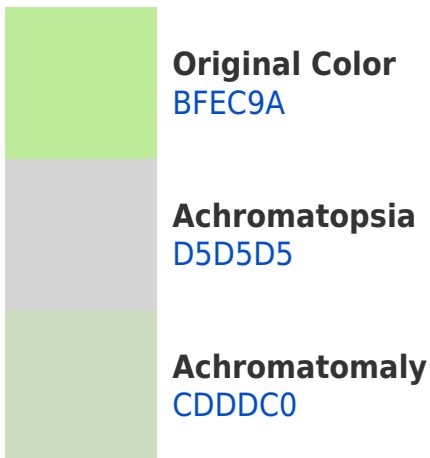




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFEC9A 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 #BFEC9A looks like.

```
.text, #text, p{  
    color:#BFEC9A  
}
```

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 #BFEC9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFEC9A
}
```

## Border

The CSS property to change the border of an element to Hex BFEC9A 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
#BFEC9A }
```

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

```
.border{ border-color:#BFEC9A }
```

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

Here you see how a box with a 4 pixel #BFEC9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFEC9A; -webkit-box-shadow:4px 4px  
4px 4px #BFEC9A; box-shadow:4px 4px 4px  
4px #BFEC9A }
```

# Background

The CSS property to change the background color of an element to Hex BFEC9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFEC9A }
```

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

```
.background{ background-color:#BFEC9A }
```

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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