

# Converting Colors

Hex(BEFF9A)

Have a look what the booklet for  
Hex(BEFF9A) contains.

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# **Color**

**Hex(BEFF9A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEFF9A
RGB	190, 255, 154
RGB Percent	75%, 100%, 60%
CMY	0.2549, 0.0000, 0.3961
CMYK	0.25, 0.00, 0.40, 0.00
HSL	99°, 100%, 80%
HSV	99°, 40%, 100%
XYZ	62.8279, 84.8002, 43.6286
YIQ	224.0510, -6.3190, -45.1910

# Conversions

## Conversions Part 2

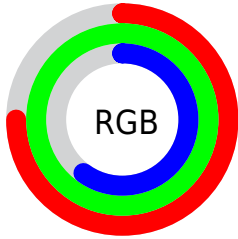
Format	Color
<a href="#">RYB</a>	<a href="#">154, 255, 219</a>
Decimal	<a href="#">12517274</a>
CIELab	<a href="#">93.80, -37.71, 41.86</a>
CIElCh	<a href="#">94, 56.340, 132.015</a>
Yxy	<a href="#">84.8002, 0.3285, 0.4434</a>
Android (android.graphics.Color)	<a href="#">4290707354 (0xFFBEFF9A)</a>
YUV	<a href="#">224.0510, -34.5351, -29.8627</a>
Hunter-Lab	<a href="#">92.0870, -39.3677, 36.3708</a>

# Details

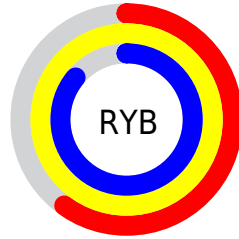
The Hex color **BEFF9A** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **DB9AFF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **F8FFD1**, and **86C665** is the 20% darker color. If you saturate the color by 10%, you get **AEFF81**, and if you desaturate by 10%, it is **CEFFB3**.

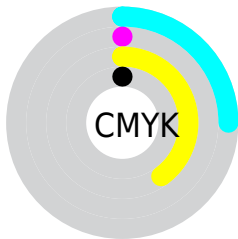
# Distribution



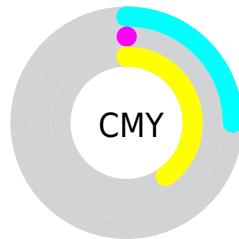
- Red (75%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (86%)



- Cyan (25%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEFF9A 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 BEFF9A by changing the saturation by 10% instead.



 BEFF9A

 BEFF9A

FFFFFF


 A2E27F

 F8FFD1

 86C665

 FFFFEE

 6BAA4C

 519033

 367619

 185C00

 004400

 002D00

 001600

 BEFF9A

 BEFF9A

 AEFF81

 CEFFB3

 9DFF67

 DFFFCD

 8DFF4E

 EFFF7

 7CFF34

FFFFFF

 6CFF1A

 5CFF01

 5BFF00

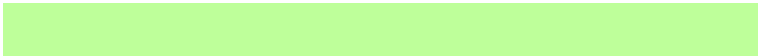
# Harmonies

## Analogous

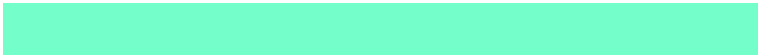
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FAF180



BEFF9A



74FFCA

# Triad

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



BEFF9A



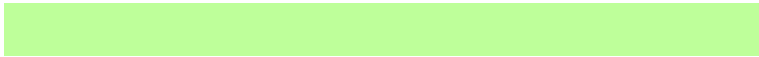
44FCFF



FFC1D9

# Complementary

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



BEFF9A



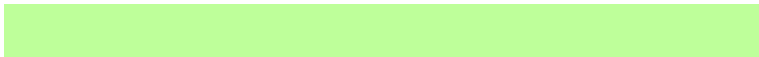
DB9AFF

# Split Complementary

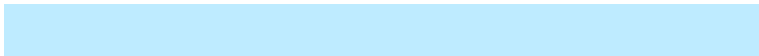
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC6FF



BEFF9A



BEEBFF

# Square

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



BEFF9A



00FFFF



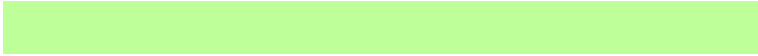
FFD7FF



FFCCA7

# Rectangle

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



BEFF9A



15FFEF



FFD7FF

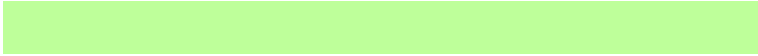


FFC1EC



# Sweetspot

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



BEFF9A



EBFFE0



FFDA9A



74806E



000000

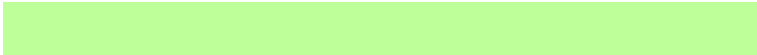


808080

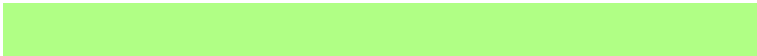


# Same Dimension

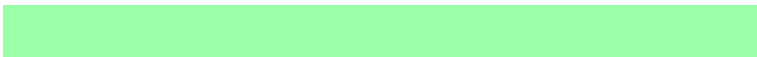
The Same Dimension uses a secret algorithm to generate beautiful new colors.



BEFF9A



B0FF85



9AFFA7



778073



44BF00



174000



# Inverse Universe

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



DB9AFF



D385FF



FF9AF2



7B7380



7B00BF

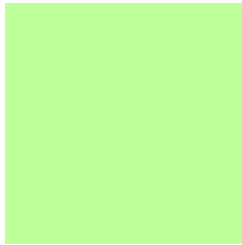


290040



# Previews

## White Background



This preview shows how the Hex color BEFF9A looks on a white background.

## Color Contrast Check

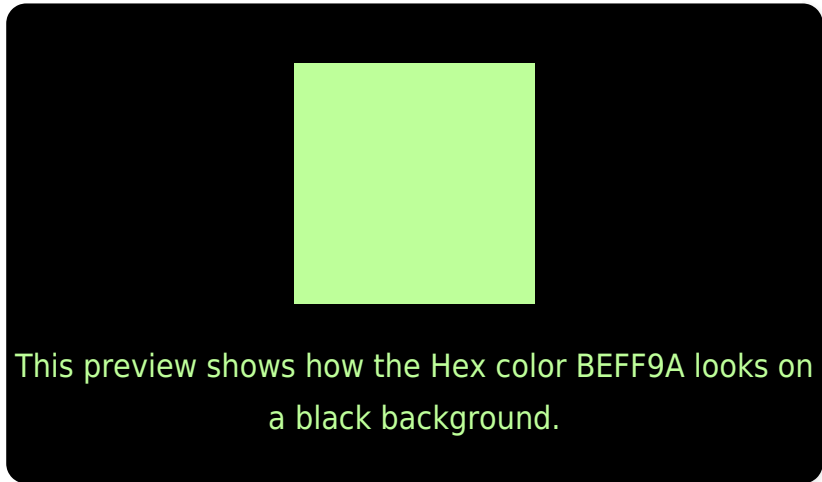
Large Text (above 18pt) WCAG AA × Fail

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

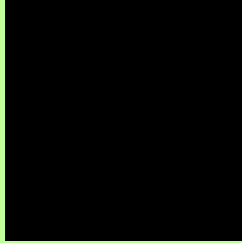
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BEFF9A Background



This preview shows how black text looks on a background with the Hex color BEFF9A.

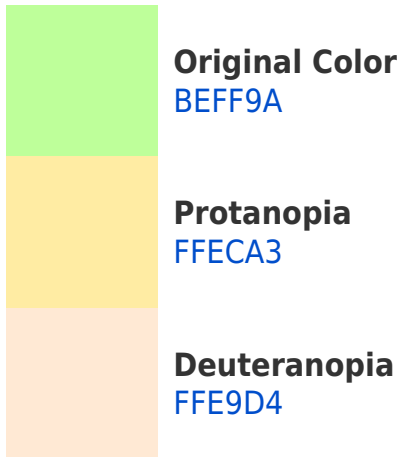


This preview shows how white text looks on a background with the Hex color BEFF9A.

# 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



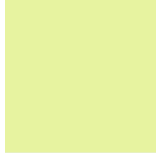


**Tritanopia**  
D7F1FF

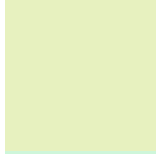
# Trichromacy



**Original Color**  
BEFF9A



**Protanomaly**  
E7F3A0

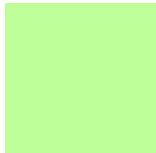


**Deuteranomaly**  
E7F1BF

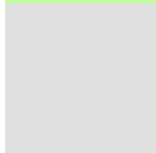


**Tritanomaly**  
CEF6DA

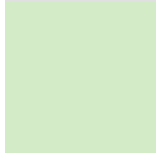
# Monochromacy



**Original Color**  
BEFF9A



**Achromatopsia**  
E0E0E0



**Achromatomaly**  
D4EBC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEFF9A 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 #BEFF9A looks like.

```
.text, #text, p{  
    color:#BEFF9A  
}
```

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 #BEFF9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEFF9A
}
```

## Border

The CSS property to change the border of an element to Hex BEFF9A 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
#BEFF9A }
```

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

```
.border{ border-color:#BEFF9A }
```

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

Here you see how a box with a 4 pixel #BEFF9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEFF9A; -webkit-box-shadow:4px 4px  
4px 4px #BEFF9A; box-shadow:4px 4px 4px  
4px #BEFF9A }
```

# Background

The CSS property to change the background color of an element to Hex BEFF9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEFF9A }
```

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

```
.background{ background-color:#BEFF9A }
```

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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