

# Converting Colors

Hex(ABFF9C)

Have a look what the booklet for  
Hex(ABFF9C) contains.

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# Color

Hex(**ABFF9C**)

# Conversions

## Conversions Part 1

Format	Color
Hex	ABFF9C
RGB	171, 255, 156
RGB Percent	67%, 100%, 61%
CMY	0.3294, 0.0000, 0.3882
CMYK	0.33, 0.00, 0.39, 0.00
HSL	111°, 100%, 81%
HSV	111°, 39%, 100%
XYZ	58.5553, 82.5782, 44.3055
YIQ	218.5980, -18.2850, -48.5970

# Conversions

## Conversions Part 2

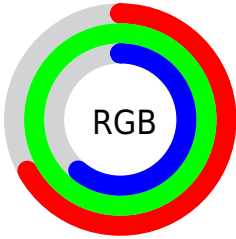
Format	Color
R <sub>YB</sub>	156, 255, 240
Decimal	11272092
CIE <sub>Lab</sub>	92.83, -43.64, 39.43
CIE <sub>LCh</sub>	93, 58.820, 137.903
Y <sub>xy</sub>	82.5782, 0.3158, 0.4453
Android (android.graphics.Color)	4289462172 (0xFFABFF9C)
YUV	218.5980, -30.8608, -41.7434
Hunter-Lab	90.8726, -44.0074, 34.7036

# Details

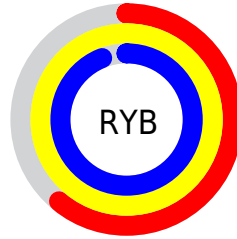
The Hex color **ABFF9C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F09CFF**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **E5FFD3**, and **73C667** is the 20% darker color. If you saturate the color by 10%, you get **95FF83**, and if you desaturate by 10%, it is **C1FFB6**.

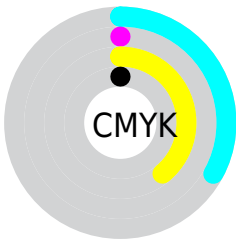
# Distribution



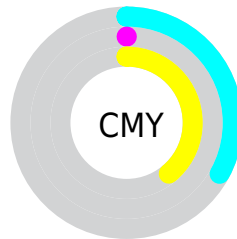
- Red (67%)
- Green (100%)
- Blue (61%)



- Red (61%)
- Yellow (100%)
- Blue (94%)



- Cyan (33%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABFF9C 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 ABFF9C by changing the saturation by 10% instead.



 ABFF9C

 ABFF9C

FFFFFF

 8FE281

 E5FFD3

 73C667

 FFFFF0

 58AA4E

 3B8F35

 1C751C

 005C00

 004300

 002D00

 001200

 ABFF9C

 ABFF9C

 95FF83

 C1FFB6

 80FF69

 D6FFCF

 6AFF50

 ECFFE9

 54FF36

FFFFFF

 3FFF1D

 29FF03

 27FF00

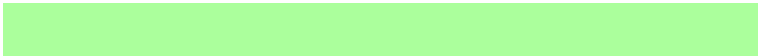
# Harmonies

## Analogous

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



ECF27B



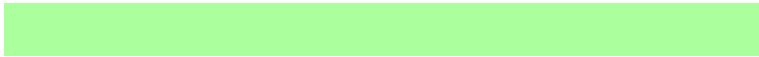
ABFF9C



51FFD1

# Triad

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



ABFF9C



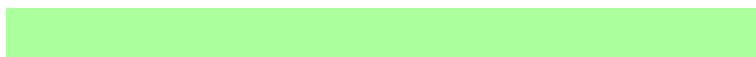
4FF7FF



FFBDCB

# Complementary

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



ABFF9C



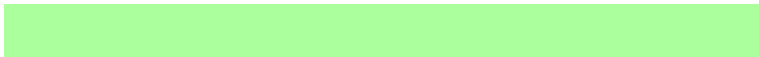
F09CFF

# Split Complementary

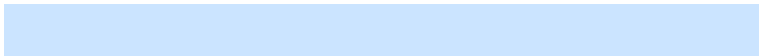
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBFFF



ABFF9C



CBE4FF

# Square

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



ABFF9C



00FFFF



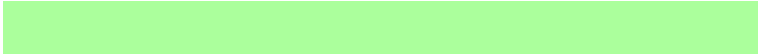
FFCFFF



FFCB99

# Rectangle

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



ABFF9C



00FFF8



FFCFFF

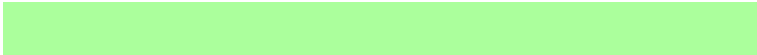


FFBCDD

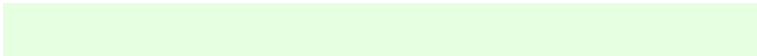


# Sweetspot

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



ABFF9C



E5FFE0



FFEF9C



70806E



000000

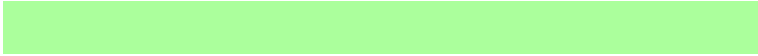


808080



# Same Dimension

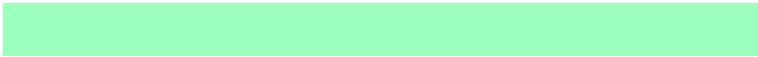
The Same Dimension uses a secret algorithm to generate beautiful new colors.



ABFF9C



99FF87



9CFFBD



758073



1DBF00



0A4000



# Inverse Universe

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



F09CFF



ED87FF



FF9CDE



7E7380



A200BF

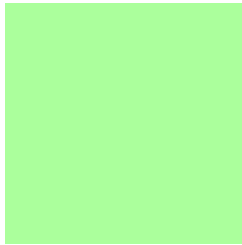


360040



# Previews

## White Background



This preview shows how the Hex color ABFF9C looks on a white background.

## Color Contrast Check

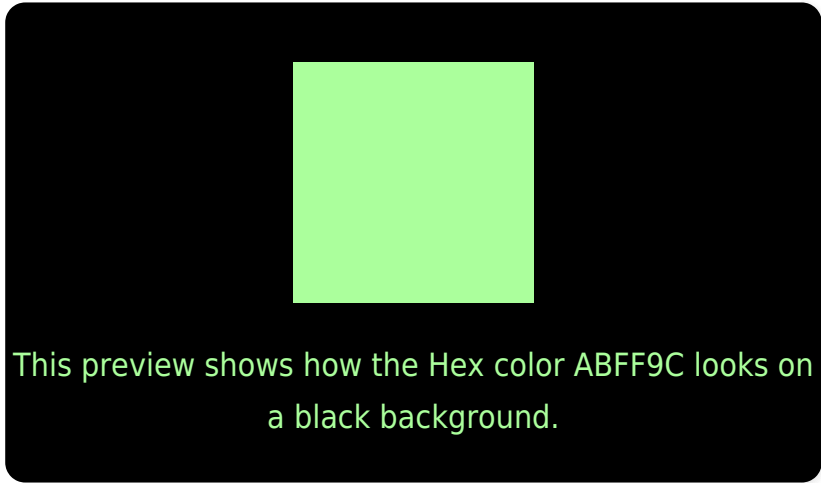
Large Text (above 18pt) WCAG AA × Fail

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 ABFF9C Background



This preview shows how black text looks on a background with the Hex color ABFF9C.

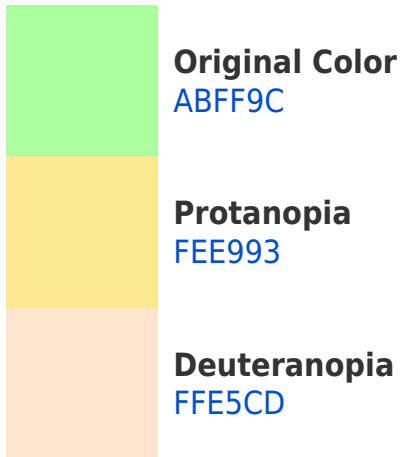


This preview shows how white text looks on a background with the Hex color ABFF9C.

# Color Blindness Simulation

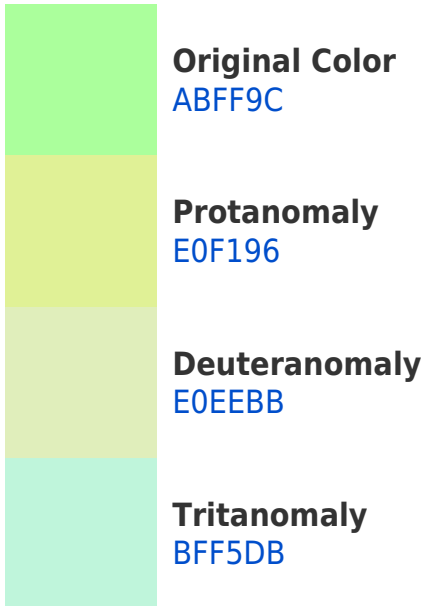
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

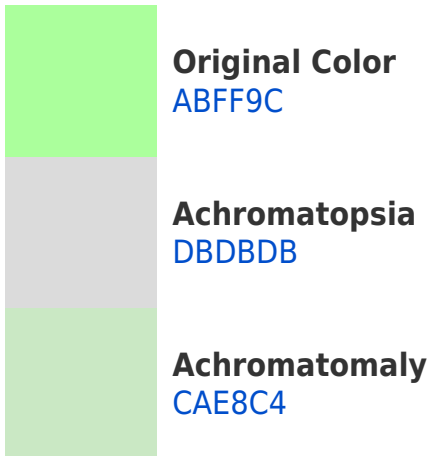




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABFF9C 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 #ABFF9C looks like.

```
.text, #text, p{  
    color:#ABFF9C  
}
```

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 #ABFF9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABFF9C
}
```

## Border

The CSS property to change the border of an element to Hex ABFF9C 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
#ABFF9C }
```

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

```
.border{ border-color:#ABFF9C }
```

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

Here you see how a box with a 4 pixel #ABFF9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABFF9C; -webkit-box-shadow:4px 4px  
4px 4px #ABFF9C; box-shadow:4px 4px 4px  
4px #ABFF9C }
```

# Background

The CSS property to change the background color of an element to Hex ABFF9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABFF9C }
```

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

```
.background{ background-color:#ABFF9C }
```

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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