

Converting Colors

Hex(ABFF87)

Have a look what the booklet for
Hex(ABFF87) contains.

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Color

Hex(ABFF87)

Conversions

Conversions Part 1

Format	Color
Hex	ABFF87
RGB	171, 255, 135
RGB Percent	67%, 100%, 53%
CMY	0.3294, 0.0000, 0.4706
CMYK	0.33, 0.00, 0.47, 0.00
HSL	102°, 100%, 76%
HSV	102°, 47%, 100%
XYZ	56.9278, 81.9272, 35.7348
YIQ	216.2040, -11.5440, -55.1280

Conversions

Conversions Part 2

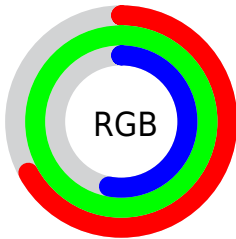
Format	Color
RYB	135, 255, 219
Decimal	11272071
CIELab	92.54, -46.39, 49.19
CIElCh	93, 67.610, 133.323
Yxy	81.9272, 0.3261, 0.4693
Android (android.graphics.Color)	4289462151 (0xFFABFF87)
YUV	216.2040, -40.0336, -39.6439
Hunter-Lab	90.5136, -46.1329, 39.9519

Details

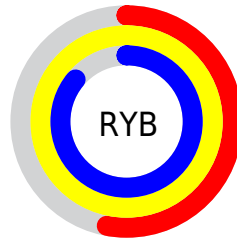
The Hex color **ABFF87** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **DB87FF**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **E5FFBE**, and **72C652** is the 20% darker color. If you saturate the color by 10%, you get **99FF6E**, and if you desaturate by 10%, it is **BDFFA1**.

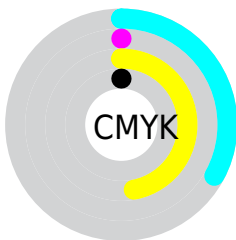
Distribution



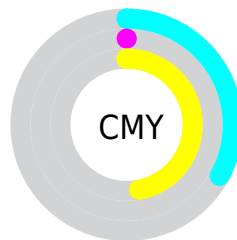
- Red (67%)
- Green (100%)
- Blue (53%)



- Red (53%)
- Yellow (100%)
- Blue (86%)



- Cyan (33%)
- Magenta (0%)
- Yellow (47%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABFF87 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 ABFF87 by changing the saturation by 10% instead.

 ABFF87

FFFFFF

 E5FFBE

 FFFFDB

 FFFFF8

 ABFF87

 8FE26C

 72C652

 56AA38

 398F1C

 167500

 005C00


 004300

 002D00

 001000

 ABFF87

 ABFF87

 99FF6E

 BDFFA1

 87FF54

 CFFFBA

 75FF3A

 E1FFD4

 64FF21

 F2FFED

 52FF08

FFFFFF

 4CFF00

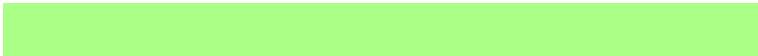
Harmonies

Analogous

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



F3EF65



ABFF87



34FFC2

Triad

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



ABFF87



00BFF



FFB2CF

Complementary

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



ABFF87



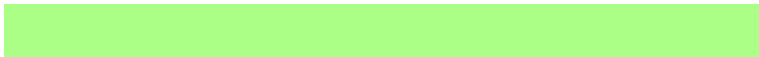
DB87FF

Split Complementary

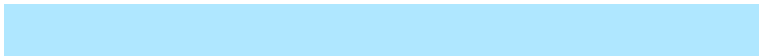
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB7FF



ABFF87



AFE7FF

Square

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



ABFF87



00FFFF



FFCDFF



FFC193

Rectangle

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



ABFF87



00FFEF



FFCDDF



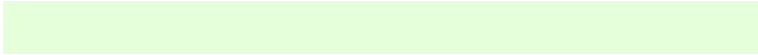
FFB1E5

Sweetspot

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



ABFF87



E6FFDB



FFDB87



70806A



000000



808080

Same Dimension

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



ABFF87



9BFF70



87FF9F



778073



39BF00



134000

Inverse Universe

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



DB87FF



D470FF



FF87E7



7C7380



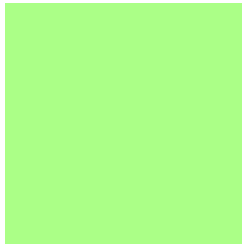
8600BF



2D0040

Previews

White Background



This preview shows how the Hex color ABFF87 looks on a white background.

Color Contrast Check

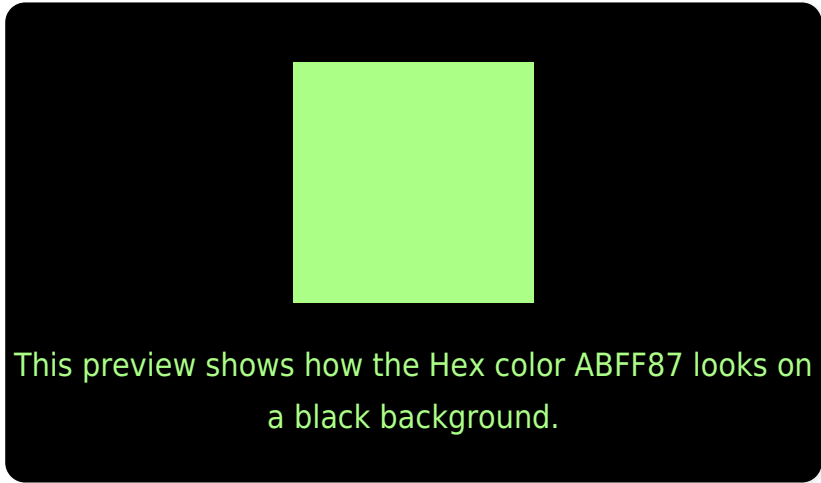
Large Text (above 18pt) WCAG AA × Fail

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

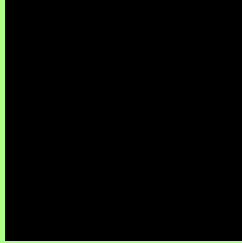
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

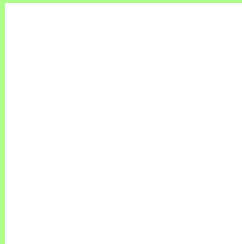
Any Text WCAG AAA ✓ Pass

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

Hex ABFF87 Background



This preview shows how black text looks on a background with the Hex color ABFF87.

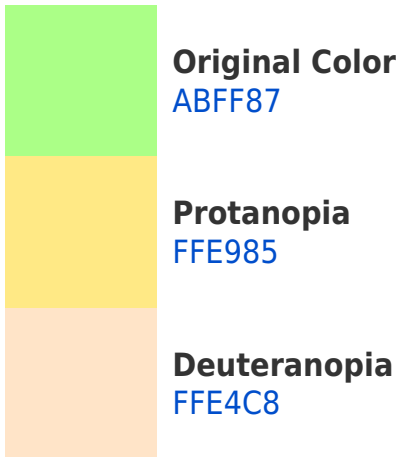


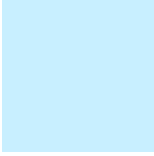
This preview shows how white text looks on a background with the Hex color ABFF87.

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



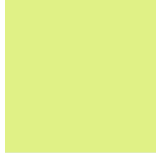


Tritanopia
C8EFFF

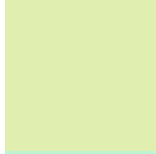
Trichromacy



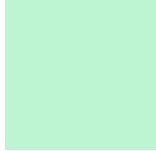
Original Color
ABFF87



Protanomaly
E0F186

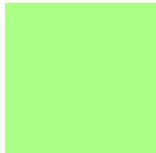


Deuteranomaly
E0EEB0

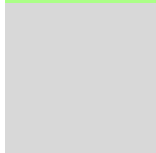


Tritanomaly
BDF5D3

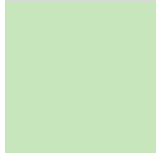
Monochromacy



Original Color
ABFF87



Achromatopsia
D8D8D8



Achromatomaly
C8E6BB

CSS Examples

Text

The CSS property to change the color of the text to Hex ABFF87 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 #ABFF87 looks like.

```
.text, #text, p{  
    color:#ABFF87  
}
```

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 #ABFF87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABFF87
}
```

Border

The CSS property to change the border of an element to Hex ABFF87 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
#ABFF87 }
```

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

```
.border{ border-color:#ABFF87 }
```

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

Here you see how a box with a 4 pixel #ABFF87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABFF87; -webkit-box-shadow:4px 4px  
4px 4px #ABFF87; box-shadow:4px 4px 4px  
4px #ABFF87 }
```

Background

The CSS property to change the background color of an element to Hex ABFF87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABFF87 }
```

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

```
.background{ background-color:#ABFF87 }
```

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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