

Converting Colors

Hex(ABFF82)

Have a look what the booklet for
Hex(ABFF82) contains.

Hex(ABFF82)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(ABFF82)

Conversions

Conversions Part 1

Format	Color
Hex	ABFF82
RGB	171, 255, 130
RGB Percent	67%, 100%, 51%
CMY	0.3294, 0.0000, 0.4902
CMYK	0.33, 0.00, 0.49, 0.00
HSL	100°, 100%, 75%
HSV	100°, 49%, 100%
XYZ	56.5839, 81.7896, 33.9238
YIQ	215.6340, -9.9390, -56.6830

Conversions

Conversions Part 2

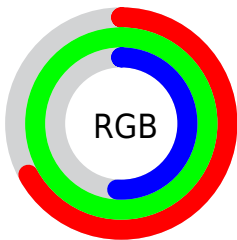
Format	Color
RYB	130, 255, 214
Decimal	11272066
CIELab	92.48, -46.98, 51.45
CIELCh	92, 69.672, 132.396
Yxy	81.7896, 0.3284, 0.4747
Android (android.graphics.Color)	4289462146 (0xFFABFF82)
YUV	215.6340, -42.2176, -39.1440
Hunter-Lab	90.4376, -46.5842, 41.0662

Details

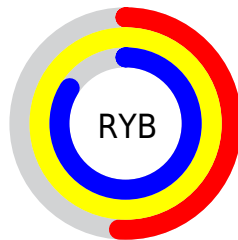
The Hex color **ABFF82** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D682FF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **E5FFB9**, and **72C64D** is the 20% darker color. If you saturate the color by 10%, you get **9AFF69**, and if you desaturate by 10%, it is **BCFF9B**.

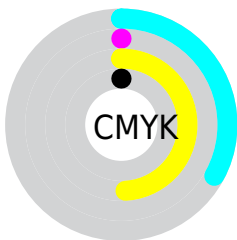
Distribution



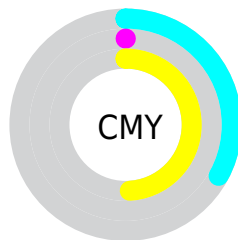
- Red (67%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color ABFF82 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 ABFF82 by changing the saturation by 10% instead.

 ABFF82

 ABFF82

FFFFFF

 8FE267

 E5FFB9

 72C64D

 FFFFD5

 56AA32

 FFFFF2

 398F14

 157500

 005B00

 004300

 002D00

 001000

 ABFF82

 ABFF82

 9AFF69

 BCFF9B

 89FF4F

 CDFFB5

 78FF35

 DEFFCF

 66FF1C

 F0FFE8

 55FF02

FFFFFF

 54FF00

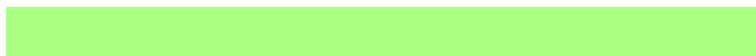
Harmonies

Analogous

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



F5EF5F



ABFF82



2AFFBF

Triad

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



ABFF82



00FCFF



FFAFD0

Complementary

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



ABFF82



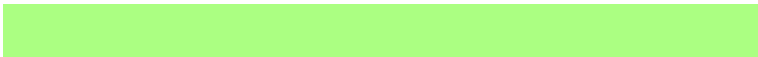
D682FF

Split Complementary

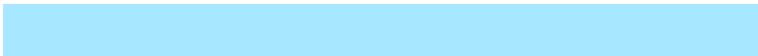
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB5FF



ABFF82



A7E7FF

Square

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



ABFF82



00FFFF



FFCCFF



FFBF92

Rectangle

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



ABFF82



00FFED



FFCCFF



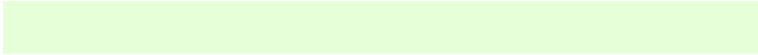
FFAFE7

Sweetspot

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



ABFF82



E5FFD9



FFD582



708069



000000



808080

Same Dimension

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



ABFF82



9AFF69



82FF97



778073



3FBF00



154000

Inverse Universe

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



D682FF



CE69FF



FF82EA



7B7380



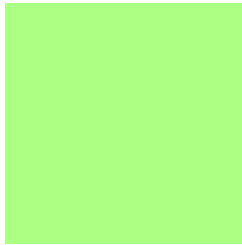
8100BF



2B0040

Previews

White Background



This preview shows how the Hex color ABFF82 looks on a white background.

Color Contrast Check

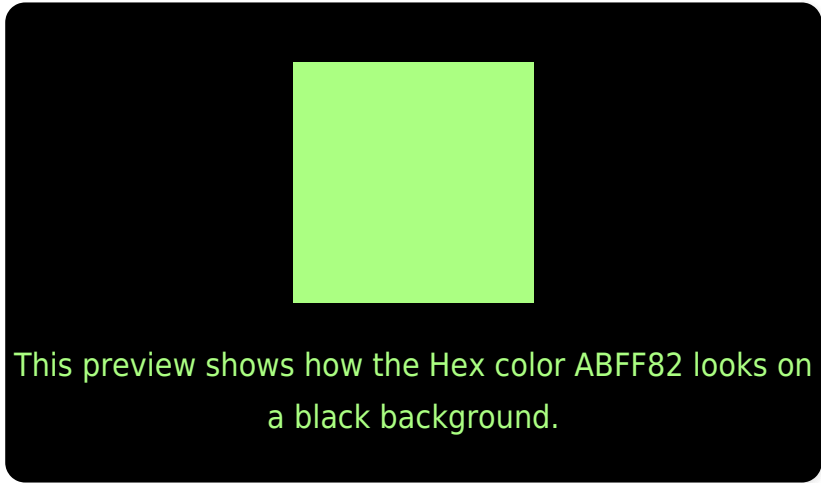
Large Text (above 18pt) WCAG AA × Fail

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

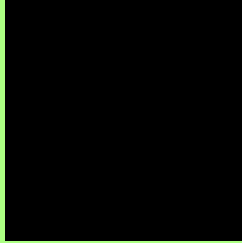
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

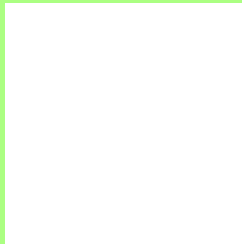
Any Text WCAG AAA ✓ Pass

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

Hex ABFF82 Background



This preview shows how black text looks on a background with the Hex color ABFF82.

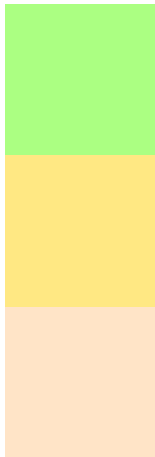


This preview shows how white text looks on a background with the Hex color ABFF82.

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](#).

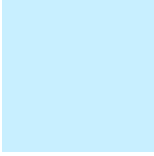
Dichromacy



Original Color
ABFF82

Protanopia
FFE883

Deuteranopia
FFE4C7



Tritanopia
C8EFFF

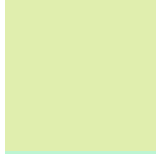
Trichromacy



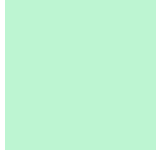
Original Color
ABFF82



Protanomaly
E0F083

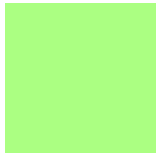


Deuteranomaly
E0EEAE

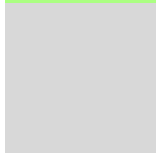


Tritanomaly
BDF5D2

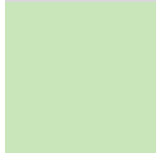
Monochromacy



Original Color
ABFF82



Achromatopsia
D8D8D8



Achromatomaly
C8E6B9

CSS Examples

Text

The CSS property to change the color of the text to Hex ABFF82 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 #ABFF82 looks like.

```
.text, #text, p{  
    color:#ABFF82  
}
```

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 #ABFF82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABFF82
}
```

Border

The CSS property to change the border of an element to Hex ABFF82 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
#ABFF82 }
```

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

```
.border{ border-color:#ABFF82 }
```

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

Here you see how a box with a 4 pixel #ABFF82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABFF82; -webkit-box-shadow:4px 4px  
4px 4px #ABFF82; box-shadow:4px 4px 4px  
4px #ABFF82 }
```

Background

The CSS property to change the background color of an element to Hex ABFF82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABFF82 }
```

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

```
.background{ background-color:#ABFF82 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor