

Converting Colors

Hex(AAFFC2)

Have a look what the booklet for
Hex(AAFFC2) contains.

Hex(AAFFC2)	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(AAFFC2)

Conversions

Conversions Part 1

Format	Color
Hex	AAFFC2
RGB	170, 255, 194
RGB Percent	67%, 100%, 76%
CMY	0.3333, 0.0000, 0.2392
CMYK	0.33, 0.00, 0.24, 0.00
HSL	137°, 100%, 83%
HSV	137°, 33%, 100%
XYZ	62.0752, 83.9611, 63.9733
YIQ	222.6310, -31.0790, -36.9910

Conversions

Conversions Part 2

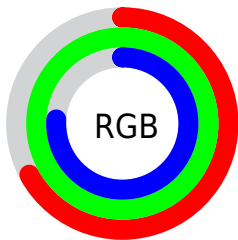
Format	Color
RYB	170, 236, 255
Decimal	11206594
CIELab	93.43, -37.89, 21.17
CIElCh	93, 43.402, 150.809
Yxy	83.9611, 0.2956, 0.3998
Android (android.graphics.Color)	4289396674 (0xFFAAFFC2)
YUV	222.6310, -14.1151, -46.1574
Hunter-Lab	91.6303, -39.4277, 22.7468

Details

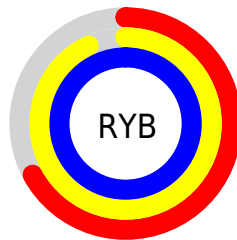
The Hex color **AAFFC2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FFAAE7**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **E3FFFB**, and **73C68C** is the 20% darker color. If you saturate the color by 10%, you get **91FFB0**, and if you desaturate by 10%, it is **C3FFD4**.

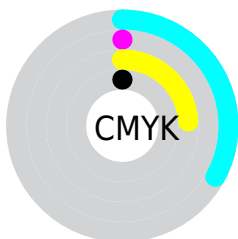
Distribution



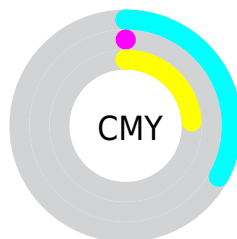
- Red (67%)
- Green (100%)
- Blue (76%)



- Red (67%)
- Yellow (93%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAFFC2 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 AAFFC2 by changing the saturation by 10% instead.

 AAFFC2

 AAFFC2

FFFFFF

 8EE2A7

 E3FFFB

 73C68C

 58AA72

 3C8F5A

 1E7542

 005C2B

 004415

 002D00

 001400

 AAFFC2

 AAFFC2

 91FFB0

 C3FFD4

 77FF9D

 DDFFE7

 5EFF8B

 F7FFF9

 44FF79

FFFFFF

 2AFF66

 11FF54

 00FF48

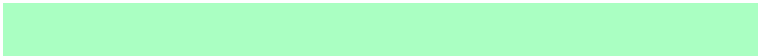
Harmonies

Analogous

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



DBF6A3



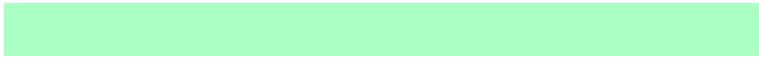
AAFFC2



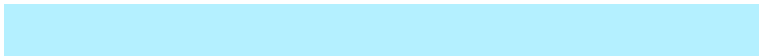
77FFEC

Triad

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



AAFFC2



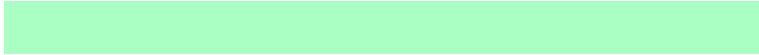
B4F0FF



FFD0C3

Complementary

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



AAFFC2



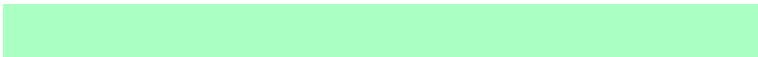
FFAAE7

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.



FFCCED



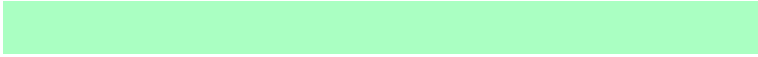
AAFFC2



F3E1FF

Square

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



AAFFC2



74FBFF



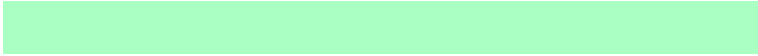
FFD3FF



FFDCA4

Rectangle

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



AAFFC2



5CFFFF



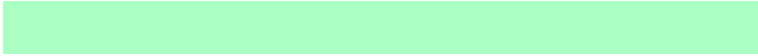
FFD3FF



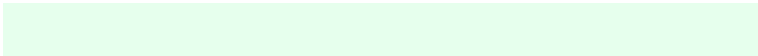
FFCED0

Sweetspot

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



AAFFC2



E6FFED



E8FFAA



708075



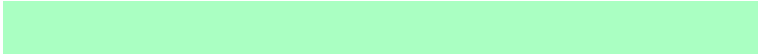
000000



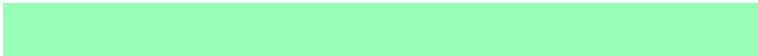
808080

Same Dimension

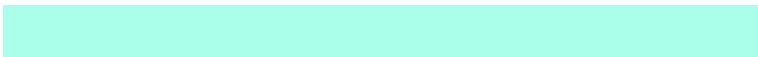
The Same Dimension uses a secret algorithm to generate beautiful new colors.



AAFFC2



99FFB6



AAFFEB



738076



00BF36



004012

Inverse Universe

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



FFAAE7



FF99E2



FFAABE



80737C



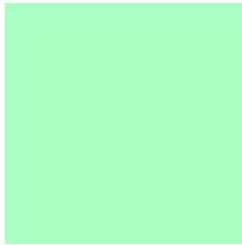
BF0089



40002E

Previews

White Background



This preview shows how the Hex color AAFFC2 looks on a white background.

Color Contrast Check

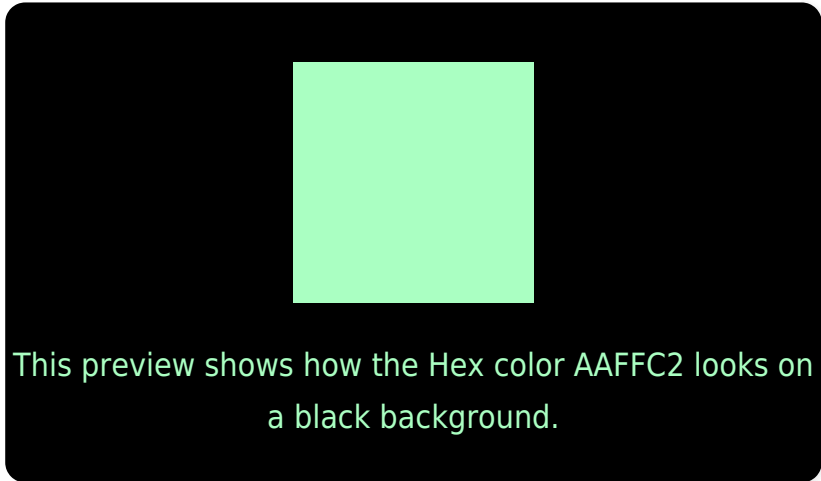
Large Text (above 18pt) WCAG AA × Fail

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

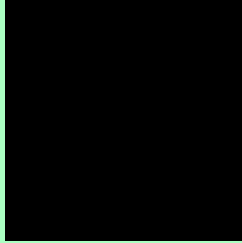
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

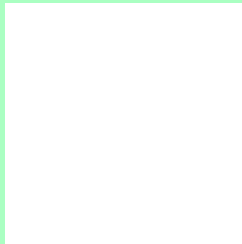
Any Text WCAG AAA ✓ Pass

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

Hex AAFFC2 Background



This preview shows how black text looks on a background with the Hex color AAFFC2.

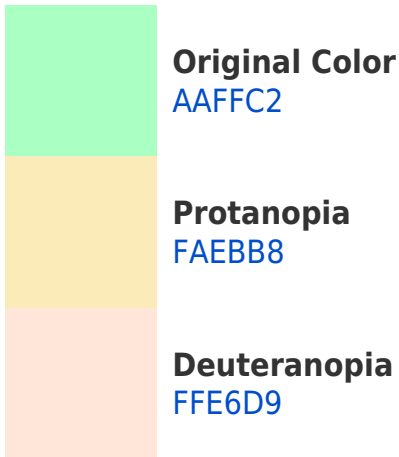


This preview shows how white text looks on a background with the Hex color AAFFC2.

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](#).

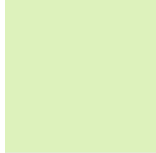
Dichromacy



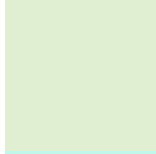
Trichromacy



Original Color
AAFFC2



Protanomaly
DDF2BC

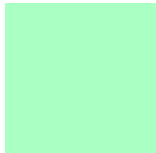


Deuteranomaly
E0EFD1

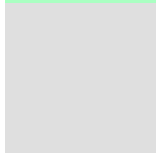


Tritanomaly
C0F7E9

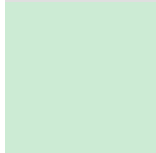
Monochromacy



Original Color
AAFFC2



Achromatopsia
DFDFDF



Achromatomaly
CCEBD4

CSS Examples

Text

The CSS property to change the color of the text to Hex AAFFC2 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 #AAFFC2 looks like.

```
.text, #text, p{  
    color:#AAFFC2  
}
```

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 #AAFFC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAFFC2
}
```

Border

The CSS property to change the border of an element to Hex AAFFC2 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
#AAFFC2 }
```

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

```
.border{ border-color:#AAFFC2 }
```

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

Here you see how a box with a 4 pixel #AAFFC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAFFC2; -webkit-box-shadow:4px 4px  
4px 4px #AAFFC2; box-shadow:4px 4px 4px  
4px #AAFFC2 }
```

Background

The CSS property to change the background color of an element to Hex AAFFC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAFFC2 }
```

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

```
.background{ background-color:#AAFFC2 }
```

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