

Converting Colors

Hex(AAFFE6)

Have a look what the booklet for
Hex(AAFFE6) contains.

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Color

Hex(AAFFE6)

Conversions

Conversions Part 1

Format	Color
Hex	AAFFE6
RGB	170, 255, 230
RGB Percent	67%, 100%, 90%
CMY	0.3333, 0.0000, 0.0980
CMYK	0.33, 0.00, 0.10, 0.00
HSL	162°, 100%, 83%
HSV	162°, 33%, 100%
XYZ	66.6205, 85.7792, 87.9087
YIQ	226.7350, -42.6350, -25.7950

Conversions

Conversions Part 2

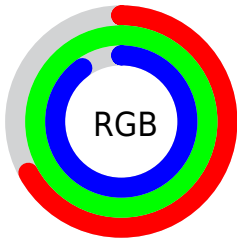
Format	Color
RYB	170, 220, 255
Decimal	11206630
CIELab	94.22, -30.93, 3.80
CIElCh	94, 31.163, 172.998
Yxy	85.7792, 0.2772, 0.3570
Android (android.graphics.Color)	4289396710 (0xFFAAFFE6)
YUV	226.7350, 1.6096, -49.7566
Hunter-Lab	92.6171, -33.6828, 8.5561

Details

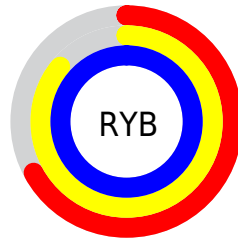
The Hex color **AAFFE6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFAAC3**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **E3FFFF**, and **72C6AF** is the 20% darker color. If you saturate the color by 10%, you get **91FFDF**, and if you desaturate by 10%, it is **C3FFEE**.

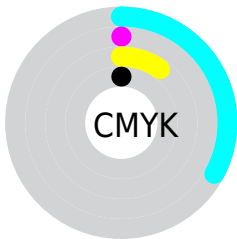
Distribution



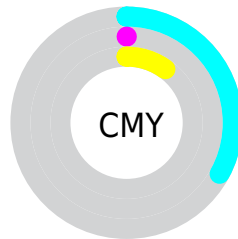
- Red (67%)
- Green (100%)
- Blue (90%)



- Red (67%)
- Yellow (86%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAFEE6 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 AAFEE6 by changing the saturation by 10% instead.

 AAFFE6

FFFFFF

 E3FFFF

 AAFFE6

 8EE2CA

 72C6AF

 57AA94

 3B907A

 1C7661

 005D4A

 004433

 002D1E

 001805

 AAFFE6

 AAFFE6

 91FFDF

 C3FFEE

 77FFD7

 DDFFF5

 5EFFD0

 F7FFFD

 44FFC8

FFFFFF

 2AFFC1

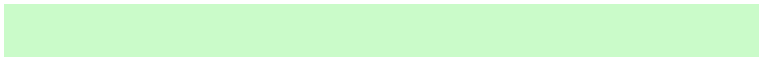
 11FFB9

 00FFB4

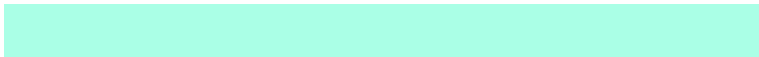
Harmonies

Analogous

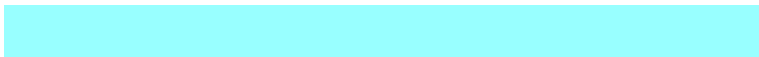
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



CAFBC9



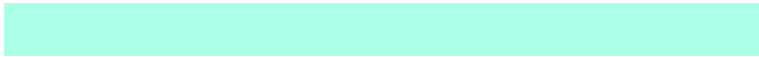
AAFFE6



98FFFF

Triad

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



AAFFE6



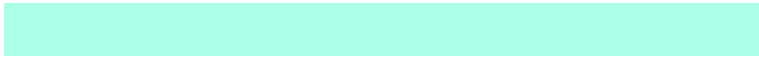
EAE9FF



FFE0BF

Complementary

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



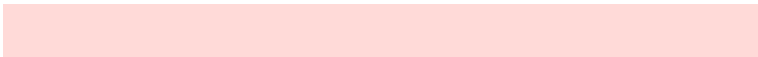
AAFFE6



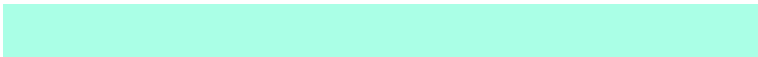
FFAAC3

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.



FFDAD8



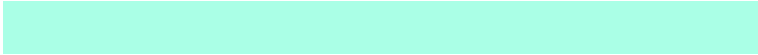
AAFFE6



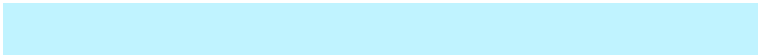
FFDFFF

Square

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



AAFFE6



C0F3FF



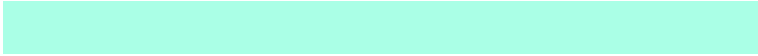
FFD9F7



FFEAB3

Rectangle

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



AAFFE6



9AFDFF



FFD9F7



FFDEC7

Sweetspot

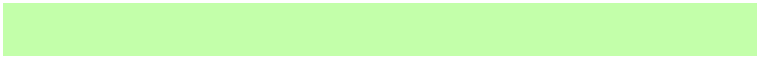
The Sweet Spot groups the original color and five complimentary colors.



AAFFE6



E6FFF8



C3FFAA



70807B



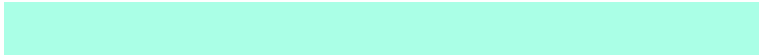
000000



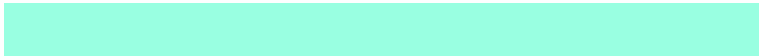
808080

Same Dimension

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



AAFFE6



99FFE1



AAEEFF



73807C



00BF87



00402D

Inverse Universe

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



FFAAC3



FF99B7



FFBBAA



807377



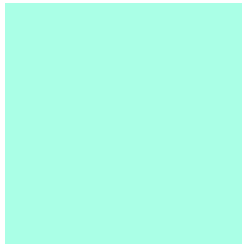
BF0038



400013

Previews

White Background



This preview shows how the Hex color `AAFFE6` looks on a white background.

Color Contrast Check

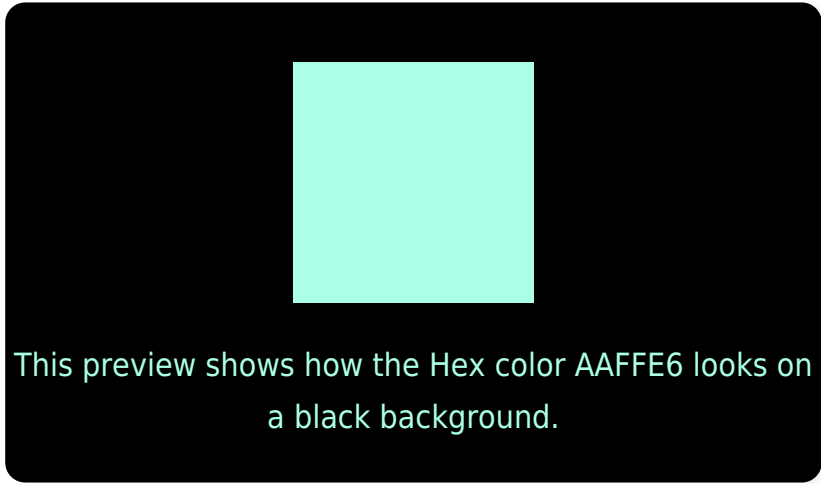
Large Text (above 18pt) WCAG AA × Fail

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

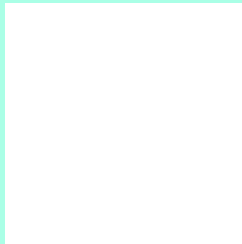
Any Text WCAG AAA ✓ Pass

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

Hex AAF6E6 Background



This preview shows how black text looks on a background with the Hex color AAF6E6.

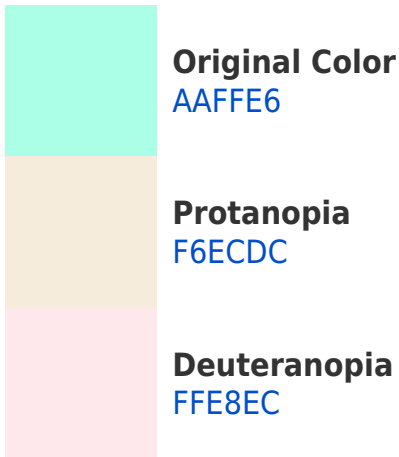


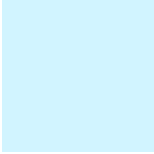
This preview shows how white text looks on a background with the Hex color AAF6E6.

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





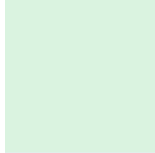
Tritanopia
D1F4FF

Trichromacy



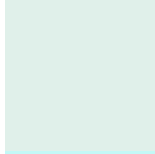
Original Color

AAFFE6



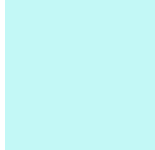
Protanomaly

DAF3E0



Deuteranomaly

E0F0EA



Tritanomaly

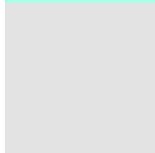
C3F8F6

Monochromacy



Original Color

AAFFE6



Achromatopsia

E3E3E3



Achromatomaly

CEEDE4

CSS Examples

Text

The CSS property to change the color of the text to Hex AAFEE6 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 #AAFFE6 looks like.

```
.text, #text, p{  
    color:#AAFFE6  
}
```

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 #AAFFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAFFE6
}
```

Border

The CSS property to change the border of an element to Hex AAFFE6 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
#AAFFE6 }
```

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

```
.border{ border-color:#AAFFE6 }
```

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

Here you see how a box with a 4 pixel #AAFFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAFFE6; -webkit-box-shadow:4px 4px  
4px 4px #AAFFE6; box-shadow:4px 4px 4px  
4px #AAFFE6 }
```

Background

The CSS property to change the background color of an element to Hex AAF6E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAF6E6 }
```

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

```
.background{ background-color:#AAF6E6 }
```

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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