

Converting Colors

Hex(AAFF0)

Have a look what the booklet for
Hex(AAFFF0) contains.

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Color

Hex(AAFFF0)

Conversions

Conversions Part 1

Format	Color
Hex	AAFF00
RGB	170, 255, 240
RGB Percent	67%, 100%, 94%
CMY	0.3333, 0.0000, 0.0588
CMYK	0.33, 0.00, 0.06, 0.00
HSL	169°, 100%, 83%
HSV	169°, 33%, 100%
XYZ	68.0657, 86.3573, 95.5193
YIQ	227.8750, -45.8450, -22.6850

Conversions

Conversions Part 2

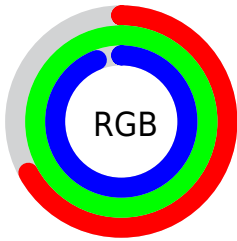
Format	Color
RYB	170, 217, 255
Decimal	11206640
CIELab	94.46, -28.81, -1.00
CIElCh	94, 28.824, 181.991
Yxy	86.3573, 0.2723, 0.3455
Android (android.graphics.Color)	4289396720 (0xFFFAAFF0)
YUV	227.8750, 5.9776, -50.7564
Hunter-Lab	92.9286, -31.8825, 4.1072

Details

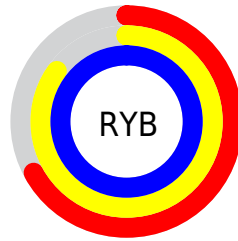
The Hex color **AAFF0** is a light color, and the websafe version is hex **99FFF**. A complement of this color would be **FFAAB9**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **E4FFF**, and **72C6B8** is the 20% darker color. If you saturate the color by 10%, you get **91FFE**, and if you desaturate by 10%, it is **C3FFF4**.

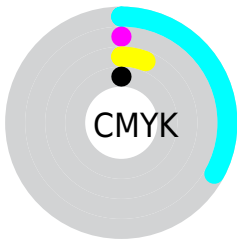
Distribution



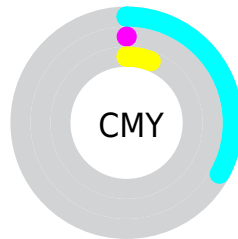
- Red (67%)
- Green (100%)
- Blue (94%)



- Red (67%)
- Yellow (85%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAFF00 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 AAFF00 by changing the saturation by 10% instead.

 AAFFF0

 AAFFF0

FFFFFF

 8EE2D4

 E4FFFF

 72C6B8

 57AA9D

 3A9083

 1A766A

 005D52

 00453B

 002E25

 001911

 AAFFF0

 AAFFF0

 91FFEB

 C3FFF4

 77FFE7

 DDFFF9


 5EFFE2

 F7FFFE

 44FFDE

FFFFFF

 2AFFD9

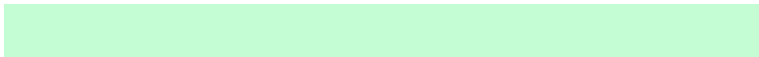
 11FFD5

 00FFD2

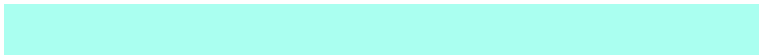
Harmonies

Analogous

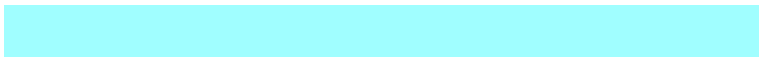
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C4FCD4



AAFFFO



A0FEFF

Triad

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



AAFFFO



F6E7FF



FFE5BF

Complementary

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



AAFFFO



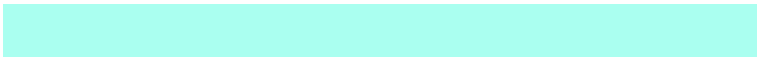
FFAAB9

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.



FFDDD3



AAFFFO



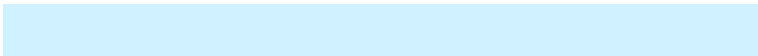
FFDFFF

Square

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



AAFFFO



DOF1FF



FFDBEE



FFEEB8

Rectangle

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



A AFFFO



A 7FBFF



F FDBEE



F FE2C4

Sweetspot

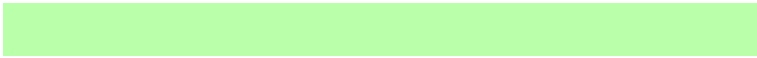
The Sweet Spot groups the original color and five complimentary colors.



AAFFFO



E6FFFB



BAFFAA



70807D



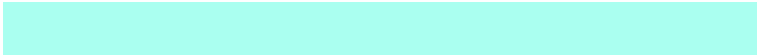
000000



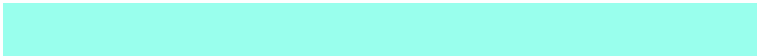
808080

Same Dimension

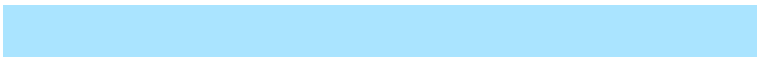
The Same Dimension uses a secret algorithm to generate beautiful new colors.



AAFFFO



99FFED



AAE4FF



73807D



00BF9D



004034

Inverse Universe

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



FFAAB9



FF99AB



FFC5AA



807375



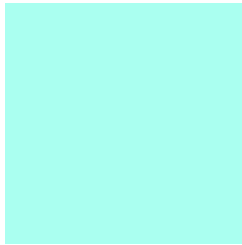
BF0022



40000B

Previews

White Background



This preview shows how the Hex color AAFFF0 looks on a white background.

Color Contrast Check

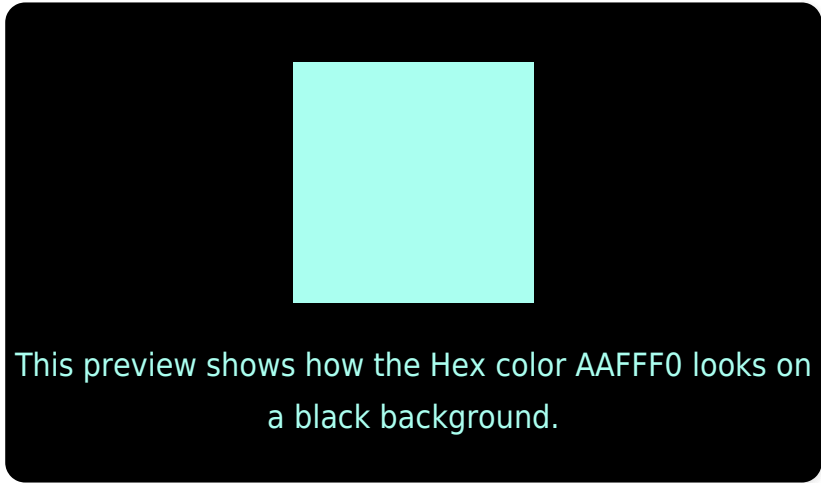
Large Text (above 18pt) WCAG AA × Fail

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

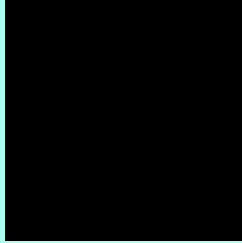
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

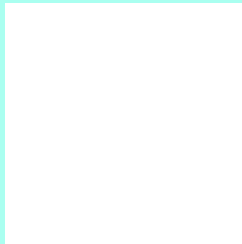
Any Text WCAG AAA ✓ Pass

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

Hex AAFF0 Background



This preview shows how black text looks on a background with the Hex color AAFF0.

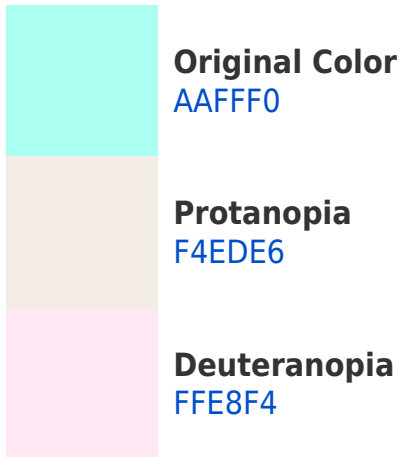


This preview shows how white text looks on a background with the Hex color AAFF0.

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





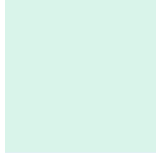
Tritanopia
D2F4FF

Trichromacy



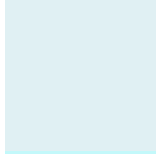
Original Color

AAFFFO



Protanomaly

D9F4EA



Deuteranomaly

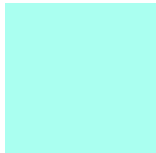
E0F0F3



Tritanomaly

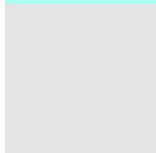
C3F8FA

Monochromacy



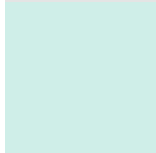
Original Color

AAFFFO



Achromatopsia

E4E4E4



Achromatomaly

CFEEE8

CSS Examples

Text

The CSS property to change the color of the text to Hex AAFFF0 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 #AAFFF0 looks like.

```
.text, #text, p{  
    color:#AAFFF0  
}
```

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 #AAFFF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAFFF0  
}
```

Border

The CSS property to change the border of an element to Hex AAFFF0 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  
#AAFFF0 }
```

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

```
.border{ border-color:#AAFF0 }
```

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

Here you see how a box with a 4 pixel #AAFF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAFF0; -webkit-box-shadow:4px 4px  
4px 4px #AAFF0; box-shadow:4px 4px 4px  
4px #AAFF0 }
```

Background

The CSS property to change the background color of an element to Hex AAFFF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAFFF0 }
```

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

```
.background{ background-color:#AAFFF0 }
```

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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