

Converting Colors

Hex(A6FFEA)

Have a look what the booklet for
Hex(A6FFEA) contains.

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Color

Hex(A6FFE8)

Conversions

Conversions Part 1

Format	Color
Hex	A6FFEA
RGB	166, 255, 234
RGB Percent	65%, 100%, 92%
CMY	0.3490, 0.0000, 0.0824
CMYK	0.35, 0.00, 0.08, 0.00
HSL	166°, 100%, 83%
HSV	166°, 35%, 100%
XYZ	66.3372, 85.5675, 90.8617
YIQ	225.9950, -46.3030, -25.3990

Conversions

Conversions Part 2

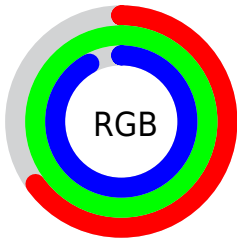
Format	Color
RYB	166, 216, 255
Decimal	10944490
CIELab	94.13, -31.17, 1.58
CIELCh	94, 31.210, 177.098
Yxy	85.5675, 0.2733, 0.3525
Android (android.graphics.Color)	4289134570 (0xFFA6FFEA)
YUV	225.9950, 3.9465, -52.6156
Hunter-Lab	92.5027, -33.8707, 6.5137

Details

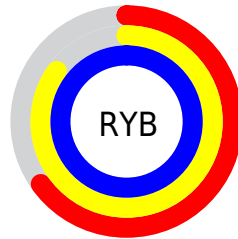
The Hex color **A6FEEA** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFA6BB**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **E0FFFF**, and **6EC6B2** is the 20% darker color. If you saturate the color by 10%, you get **8DFFE4**, and if you desaturate by 10%, it is **C0FFF0**.

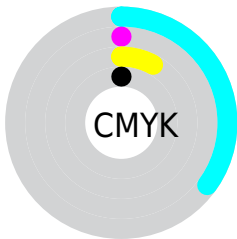
Distribution



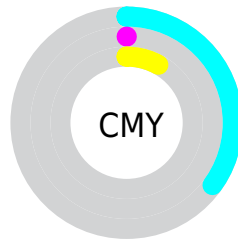
- Red (65%)
- Green (100%)
- Blue (92%)



- Red (65%)
- Yellow (85%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6FFEA 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 A6FFEA by changing the saturation by 10% instead.

 A6FFEA

 A6FFEA

FFFFFF

 8AE2CE


 E0FFFF

 6EC6B2

FDFDFD

 52AA98

 35907E

 117665

 005D4D

 004436

 002D21

 00170A

 A6FFE4

 A6FFE4

 8DFFE4

 C0FFF0

 73FFDE

 D9FFF6

 5AFFD8

 F3FFFC

 40FFD2

FFFFFF

 26FFCC

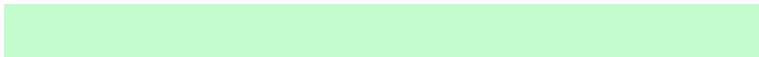
 0DFFC6

 00FFC3

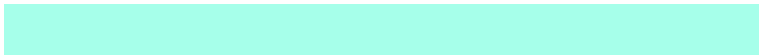
Harmonies

Analogous

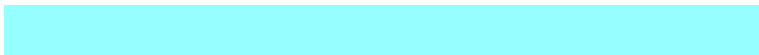
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C5FCCD



A6FFEA



96FEFF

Triad

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



A6FFEA



EFE7FF



FFE1BD

Complementary

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



A6FFEA



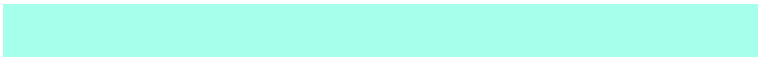
FFA6BB

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.



FFDAD4



A6FFEA



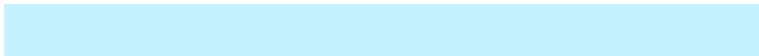
FFDEFF

Square

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



A6FFEA



C5F2FF



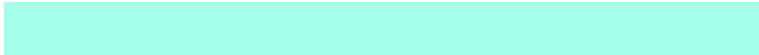
FFD9F2



FFEBB2

Rectangle

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



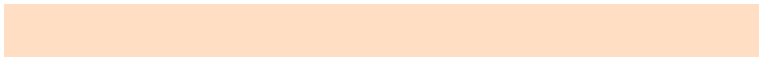
A6FFEA



9BFCFF



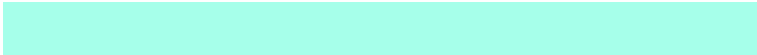
FFD9F2



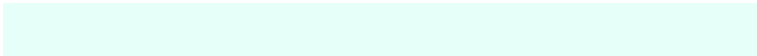
FFDEC3

Sweetspot

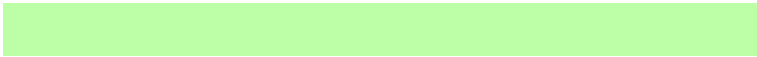
The Sweet Spot groups the original color and five complimentary colors.



A6FFEA



E6FFF9



BCFFA6



70807C



000000



808080

Same Dimension

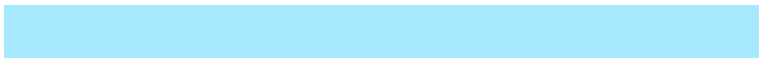
The Same Dimension uses a secret algorithm to generate beautiful new colors.



A6FFEA



94FFE6



A6E9FF



73807C



00BF92



004031

Inverse Universe

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



FFA6BB



FF94AD



FFBCA6



807376



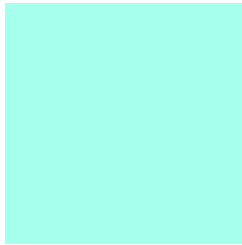
BF002D



40000F

Previews

White Background



This preview shows how the Hex color A6FFEA looks on a white background.

Color Contrast Check

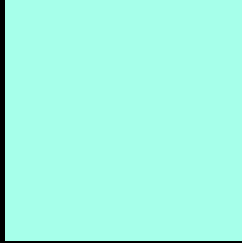
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color A6FFEA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

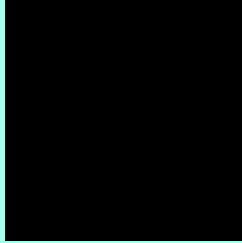
Any Text WCAG AA ✓ Pass

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 A6FFEA Background



This preview shows how black text looks on a background with the Hex color A6FFEA.

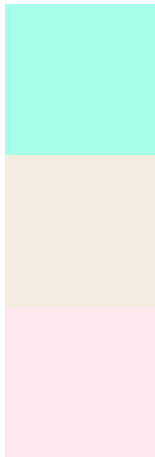


This preview shows how white text looks on a background with the Hex color A6FFEA.

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
A6FFEA

Protanopia
F4ECE0

Deuteranopia
FFE7EF



Tritanopia
CFF4FF

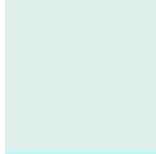
Trichromacy



Original Color
A6FFEA



Protanomaly
D8F3E4

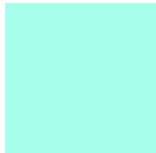


Deuteranomaly
DFF0ED

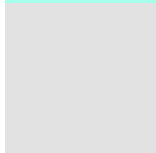


Tritanomaly
C0F8F7

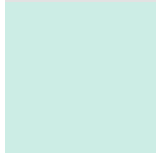
Monochromacy



Original Color
A6FFEA



Achromatopsia
E2E2E2



Achromatomaly
CCEDE5

CSS Examples

Text

The CSS property to change the color of the text to Hex A6FFEA 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 #A6FFEA looks like.

```
.text, #text, p{  
    color:#A6FFEA  
}
```

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 #A6FFEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6FFEA
}
```

Border

The CSS property to change the border of an element to Hex A6FFEA 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
#A6FFEA }
```

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

```
.border{ border-color:#A6FFEA }
```

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

Here you see how a box with a 4 pixel #A6FFEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6FFEA; -webkit-box-shadow:4px 4px  
4px 4px #A6FFEA; box-shadow:4px 4px 4px  
4px #A6FFEA }
```

Background

The CSS property to change the background color of an element to Hex A6FFEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6FFEA }
```

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

```
.background{ background-color:#A6FFEA }
```

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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