

Converting Colors

Hex(A6FFE6)

Have a look what the booklet for
Hex(A6FFE6) contains.

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Color

Hex(A6FFE6)

Conversions

Conversions Part 1

Format	Color
Hex	A6FFE6
RGB	166, 255, 230
RGB Percent	65%, 100%, 90%
CMY	0.3490, 0.0000, 0.0980
CMYK	0.35, 0.00, 0.10, 0.00
HSL	163°, 100%, 83%
HSV	163°, 35%, 100%
XYZ	65.7688, 85.3402, 87.8688
YIQ	225.5390, -45.0190, -26.6430

Conversions

Conversions Part 2

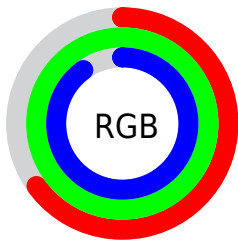
Format	Color
RYB	166, 218, 255
Decimal	10944486
CIELab	94.03, -32.02, 3.50
CIElCh	94, 32.210, 173.758
Yxy	85.3402, 0.2752, 0.3571
Android (android.graphics.Color)	4289134566 (0xFFA6FFE6)
YUV	225.5390, 2.1993, -52.2157
Hunter-Lab	92.3797, -34.5833, 8.2710

Details

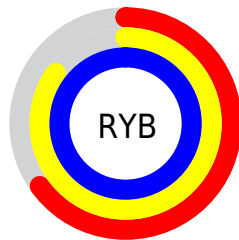
The Hex color **A6FFE6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFA6BF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **E0FFFF**, and **6EC6AF** is the 20% darker color. If you saturate the color by 10%, you get **8DFFDF**, and if you desaturate by 10%, it is **C0FFED**.

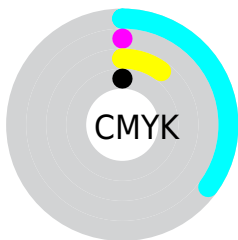
Distribution



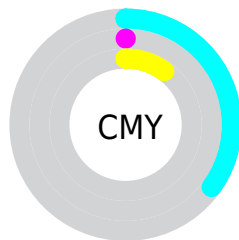
- Red (65%)
- Green (100%)
- Blue (90%)



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



- Cyan (35%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6FFE6 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 A6FFE6 by changing the saturation by 10% instead.

 A6FFE6

 A6FFE6

FFFFFF

 8AE2CA

 E0FFFF

 6EC6AF

FDFDFD

 52AA94

 36907A

 137661

 005C4A

 004433

 002D1E

 001705

 A6FFE6

 A6FFE6

 8DFFDF

 C0FFED

 73FFD8

 D9FFF4

 5AFFD1

 F3FFFB

 40FFC9

FFFFFF

 26FFC2

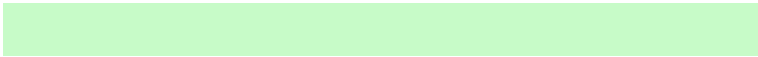
 0DFFBB

 00FFB7

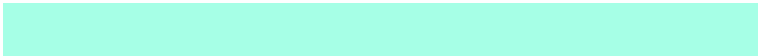
Harmonies

Analogous

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



C7FBC8



A6FFE6



93FFFF

Triad

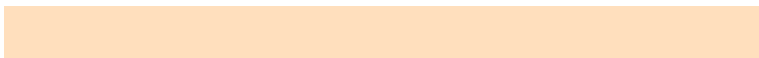
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



A6FFE6



EAE8FF



FFDFBD

Complementary

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



A6FFE6



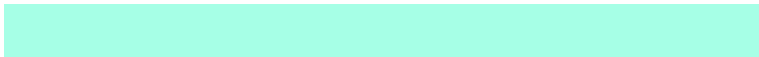
FFA6BF

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.



FFD8D6



A6FFE6



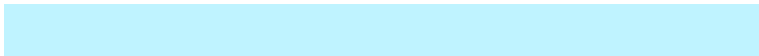
FFDEFF

Square

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



A6FFE6



BFF3FF



FFD8F6



FFEAB0

Rectangle

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



A6FFE6



95FDFF



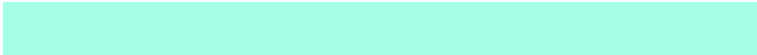
FFD8F6



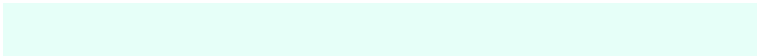
FFDDC4

Sweetspot

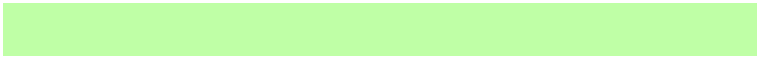
The Sweet Spot groups the original color and five complimentary colors.



A6FFE6



E6FFF8



BFFFA6



70807B



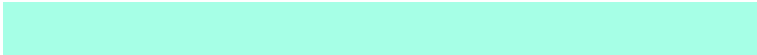
000000



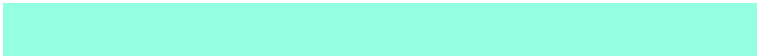
808080

Same Dimension

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



A6FFE6



94FFE1



A6ECFF



73807C



00BF8A



00402E

Inverse Universe

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



FFA6BF



FF94B2



FFB9A6



807376



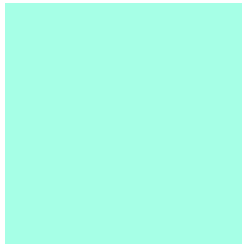
BF0036



400012

Previews

White Background



This preview shows how the Hex color A6FFE6 looks on a white background.

Color Contrast Check

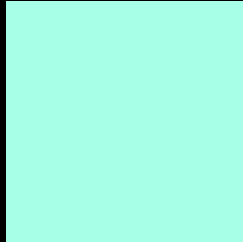
Large Text (above 18pt) WCAG AA × Fail

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 A6FFE6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

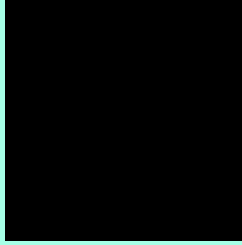
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

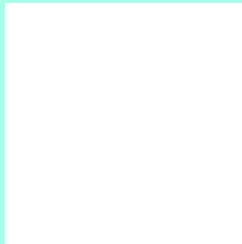
Any Text WCAG AAA ✓ Pass

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

Hex A6FFE6 Background



This preview shows how black text looks on a background with the Hex color A6FFE6.

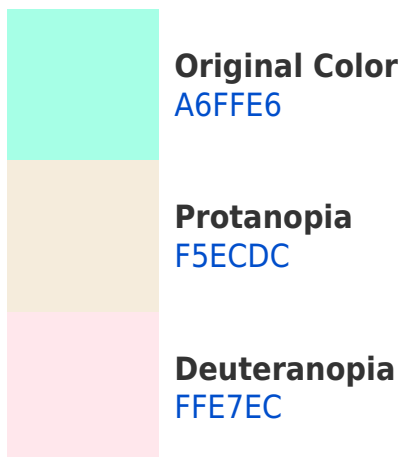


This preview shows how white text looks on a background with the Hex color A6FFE6.

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



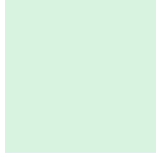


Tritanopia
CEF4FF

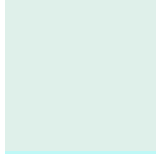
Trichromacy



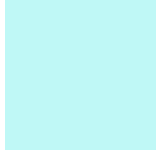
Original Color
A6FFE6



Protanomaly
D8F3E0

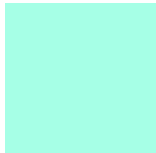


Deuteranomaly
DFF0EA

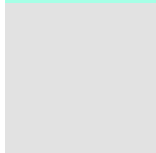


Tritanomaly
BFF8F6

Monochromacy



Original Color
A6FFE6



Achromatopsia
E2E2E2



Achromatomaly
CCEDE3

CSS Examples

Text

The CSS property to change the color of the text to Hex A6FFE6 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 #A6FFE6 looks like.

```
.text, #text, p{  
    color:#A6FFE6  
}
```

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 #A6FFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6FFE6  
}
```

Border

The CSS property to change the border of an element to Hex A6FFE6 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  
#A6FFE6 }
```

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

```
.border{ border-color:#A6FFE6 }
```

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

Here you see how a box with a 4 pixel #A6FFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6FFE6; -webkit-box-shadow:4px 4px  
4px 4px #A6FFE6; box-shadow:4px 4px 4px  
4px #A6FFE6 }
```

Background

The CSS property to change the background color of an element to Hex A6FFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6FFE6 }
```

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

```
.background{ background-color:#A6FFE6 }
```

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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