

Converting Colors

Hex(A6FC9C)

Have a look what the booklet for
Hex(A6FC9C) contains.

Hex(A6FC9C)	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(A6FC9C)

Conversions

Conversions Part 1

Format	Color
Hex	A6FC9C
RGB	166, 252, 156
RGB Percent	65%, 99%, 61%
CMY	0.3490, 0.0118, 0.3882
CMYK	0.34, 0.00, 0.38, 0.01
HSL	114°, 94%, 80%
HSV	114°, 38%, 99%
XYZ	56.5370, 80.1281, 43.9389
YIQ	215.3420, -20.4400, -48.0880

Conversions

Conversions Part 2

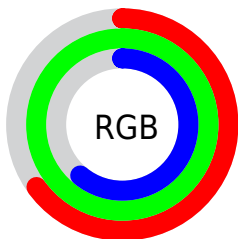
Format	Color
RYB	156, 252, 242
Decimal	10943644
CIELab	91.74, -43.90, 37.97
CIELCh	92, 58.044, 139.147
Yxy	80.1281, 0.3130, 0.4437
Android (android.graphics.Color)	4289133724 (0xFFA6FC9C)
YUV	215.3420, -29.2556, -43.2729
Hunter-Lab	89.5143, -43.9098, 33.5569

Details

The Hex color **A6FC9C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F29CFC**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **E0FFD3**, and **6EC367** is the 20% darker color. If you saturate the color by 10%, you get **8FFC83**, and if you desaturate by 10%, it is **BDFCB5**.

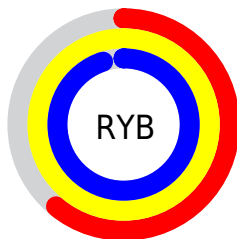
Distribution



Red (65%)

Green (99%)

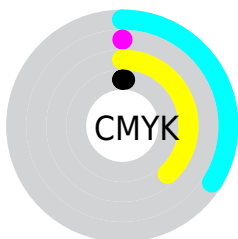
Blue (61%)



Red (61%)

Yellow (99%)

Blue (95%)

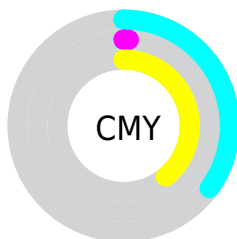


Cyan (34%)

Magenta (0%)

Yellow (38%)

Black (1%)



Cyan (35%)

Magenta (1%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6FC9C 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 A6FC9C by changing the saturation by 10% instead.

 A6FC9C

FFFFFF

 E0FFD3

 FDFFF0

 A6FC9C

 8ADF81

 6EC367

 53A74E

 368C36

 14721D

 005900

 004100

 002B00

 000C00

 A6FC9C

 A6FC9C

 8FFC83

 BDFCB5

 79FC6A

 D3FCCE

 62FC50

 EAFCE8

 4CFC37

 FFFCFF

 35FC1E

 1FFC05

 1AFC00

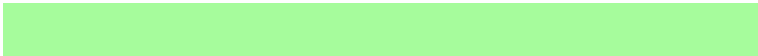
Harmonies

Analogous

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



E6EF7B



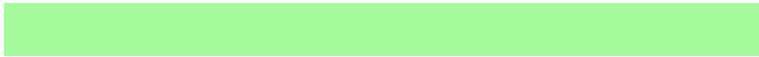
A6FC9C



4CFFD0

Triad

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



A6FC9C



57F3FF



FFBBC6

Complementary

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



A6FC9C



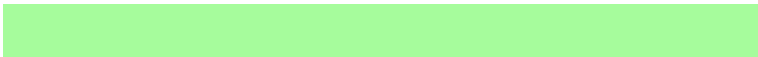
F29CFC

Split Complementary

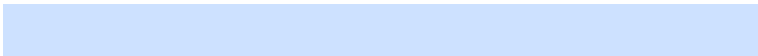
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBCFE



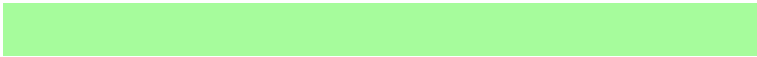
A6FC9C



CDE1FF

Square

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



A6FC9C



00FFFF



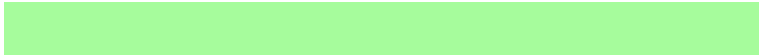
FFCBFF



FFC995

Rectangle

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



A6FC9C



00FFF7



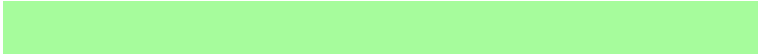
FFCBFF



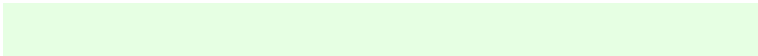
FFB9D8

Sweetspot

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



A6FC9C



E6FFE3



FCF19C



71806F



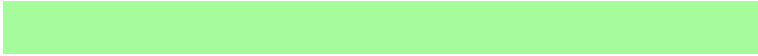
000000



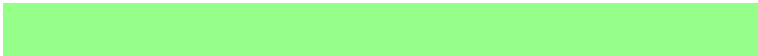
808080

Same Dimension

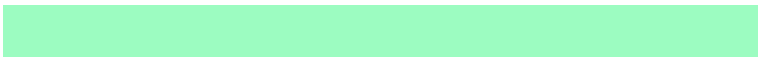
The Same Dimension uses a secret algorithm to generate beautiful new colors.



A6FC9C



96FF8A



9CFCC1



727D70



14BD00



063D00

Inverse Universe

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



F29CFC



F38AFF



FC9CD7



7C707D



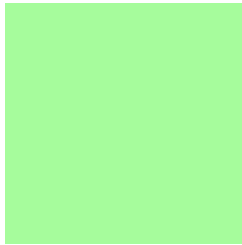
A900BD



37003D

Previews

White Background



This preview shows how the Hex color A6FC9C looks on a white background.

Color Contrast Check

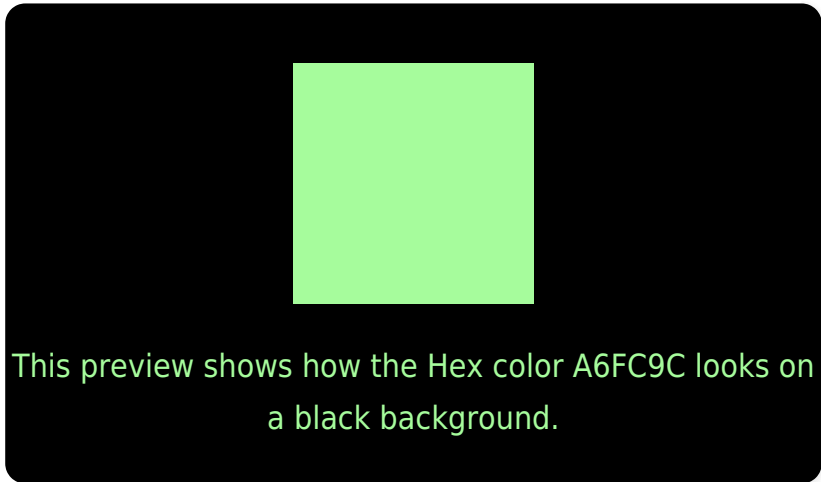
Large Text (above 18pt) WCAG AA × Fail

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

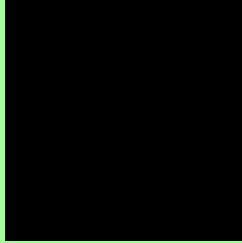
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

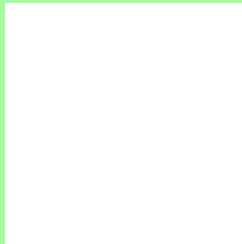
Any Text WCAG AAA ✓ Pass

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

Hex A6FC9C Background



This preview shows how black text looks on a background with the Hex color A6FC9C.

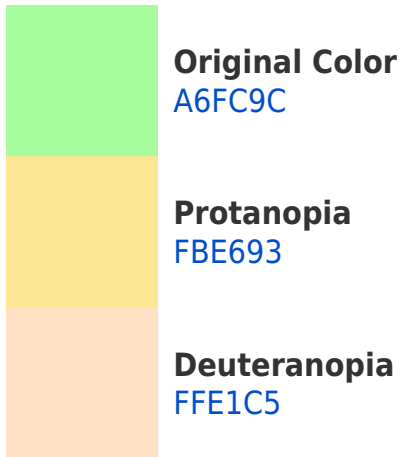


This preview shows how white text looks on a background with the Hex color A6FC9C.

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](#).

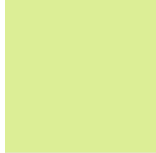
Dichromacy



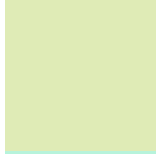
Trichromacy



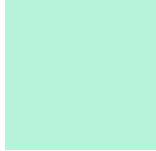
Original Color
A6FC9C



Protanomaly
DCEE96

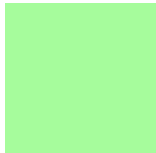


Deuteranomaly
DFEBB6

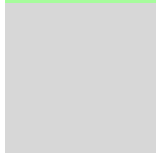


Tritanomaly
B7F3DB

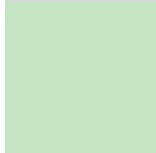
Monochromacy



Original Color
A6FC9C



Achromatopsia
D7D7D7



Achromatomaly
C5E4C2

CSS Examples

Text

The CSS property to change the color of the text to Hex A6FC9C 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 #A6FC9C looks like.

```
.text, #text, p{  
    color:#A6FC9C  
}
```

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 #A6FC9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6FC9C
}
```

Border

The CSS property to change the border of an element to Hex A6FC9C 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
#A6FC9C }
```

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

```
.border{ border-color:#A6FC9C }
```

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

Here you see how a box with a 4 pixel #A6FC9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6FC9C; -webkit-box-shadow:4px 4px  
4px 4px #A6FC9C; box-shadow:4px 4px 4px  
4px #A6FC9C }
```

Background

The CSS property to change the background color of an element to Hex A6FC9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6FC9C }
```

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

```
.background{ background-color:#A6FC9C }
```

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