

Converting Colors

Hex(A3F6B9)

Have a look what the booklet for
Hex(A3F6B9) contains.

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Color

Hex(A3F6B9)

Conversions

Conversions Part 1

Format	Color
Hex	A3F6B9
RGB	163, 246, 185
RGB Percent	64%, 96%, 73%
CMY	0.3608, 0.0353, 0.2745
CMYK	0.34, 0.00, 0.25, 0.04
HSL	136°, 82%, 80%
HSV	136°, 34%, 96%
XYZ	56.8170, 77.2008, 57.8056
YIQ	214.2290, -29.8870, -36.5670

Conversions

Conversions Part 2

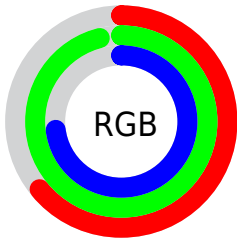
Format	Color
RYB	163, 229, 246
Decimal	10745529
CIELab	90.41, -37.49, 21.53
CIELCh	90, 43.228, 150.132
Yxy	77.2008, 0.2962, 0.4025
Android (android.graphics.Color)	4288935609 (0xFFA3F6B9)
YUV	214.2290, -14.4099, -44.9278
Hunter-Lab	87.8640, -38.3356, 22.4980

Details

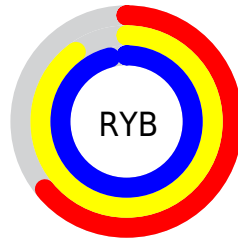
The Hex color **A3F6B9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F6A3E0**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **DCFFF1**, and **6CBD84** is the 20% darker color. If you saturate the color by 10%, you get **8AF6A7**, and if you desaturate by 10%, it is **BCF6CB**.

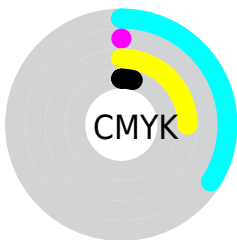
Distribution



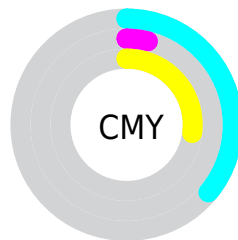
- Red (64%)
- Green (96%)
- Blue (73%)



- Red (64%)
- Yellow (90%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (25%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3F6B9 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 A3F6B9 by changing the saturation by 10% instead.

 A3F6B9

 A3F6B9

FFFFFF

 87D99E

 DCFFF1

 6CBD84

 F9FFFF

 51A26A

 368752

 166D3A

 005424

 003C0E

 002700

 000300

 A3F6B9

 A3F6B9

 8AF6A7

 BCF6CB

 72F695

 D4F6DD

 59F683

 EDF6EF

 41F671

 FFF6FF

 28F65F

 0FF64D

 00F641

Harmonies

Analogous

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



D4EE9B



A3F6B9



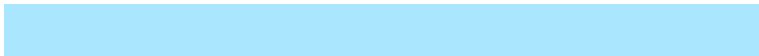
6FFAE2

Triad

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



A3F6B9



AAE7FF



FFC7BC

Complementary

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



A3F6B9



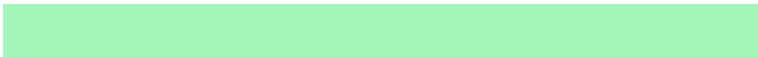
F6A3E0

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.



FFC4E5



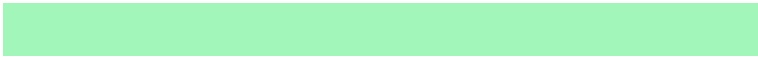
A3F6B9



E9D9FF

Square

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



A3F6B9



68F3FF



FFCBFF



FFD39D

Rectangle

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



A3F6B9



52FAFF



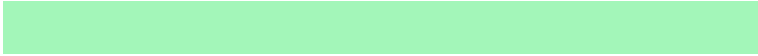
FFCBFF



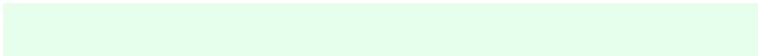
FFC5C9

Sweetspot

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



A3F6B9



E6FFEC



E1F6A3



708074



000000



808080

Same Dimension

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



A3F6B9



99FFB4



A3F6E1



6E7A71



00BA31



003B10

Inverse Universe

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



F6A3E0



FF99E4



F6A3B8



7A6E77



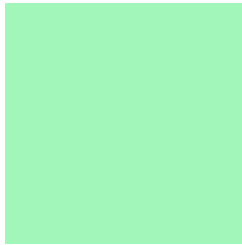
BA0089



3B002B

Previews

White Background



This preview shows how the Hex color A3F6B9 looks on a white background.

Color Contrast Check

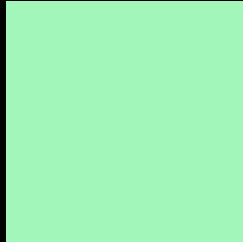
Large Text (above 18pt) WCAG AA × Fail

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 A3F6B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

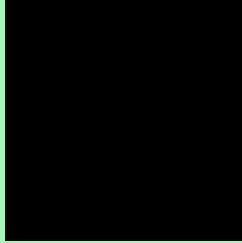
Any Text WCAG AA ✓ Pass

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 A3F6B9 Background



This preview shows how black text looks on a background with the Hex color A3F6B9.

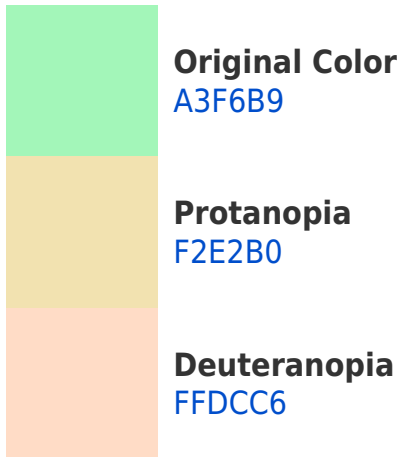


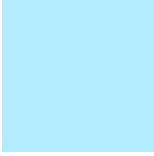
This preview shows how white text looks on a background with the Hex color A3F6B9.

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



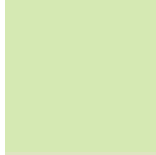


Tritanopia
B3ECFF

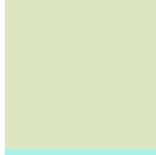
Trichromacy



Original Color
A3F6B9



Protanomaly
D5E9B3



Deuteranomaly
DEE5C1

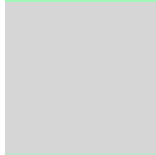


Tritanomaly
ADF0E6

Monochromacy



Original Color
A3F6B9



Achromatopsia
D6D6D6



Achromatomaly
C3E2CB

CSS Examples

Text

The CSS property to change the color of the text to Hex A3F6B9 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 #A3F6B9 looks like.

```
.text, #text, p{  
    color:#A3F6B9  
}
```

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 #A3F6B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3F6B9
}
```

Border

The CSS property to change the border of an element to Hex A3F6B9 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
#A3F6B9 }
```

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

```
.border{ border-color:#A3F6B9 }
```

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

Here you see how a box with a 4 pixel #A3F6B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3F6B9; -webkit-box-shadow:4px 4px  
4px 4px #A3F6B9; box-shadow:4px 4px 4px  
4px #A3F6B9 }
```

Background

The CSS property to change the background color of an element to Hex A3F6B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3F6B9 }
```

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

```
.background{ background-color:#A3F6B9 }
```

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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