

# Converting Colors

Hex(A6F7C7)

Have a look what the booklet for  
Hex(A6F7C7) contains.

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# **Color**

**Hex(A6F7C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6F7C7
RGB	166, 247, 199
RGB Percent	65%, 97%, 78%
CMY	0.3490, 0.0314, 0.2196
CMYK	0.33, 0.00, 0.19, 0.03
HSL	144°, 84%, 81%
HSV	144°, 33%, 97%
XYZ	59.2955, 78.7520, 66.1083
YIQ	217.3090, -32.8680, -32.1000

# Conversions

## Conversions Part 2

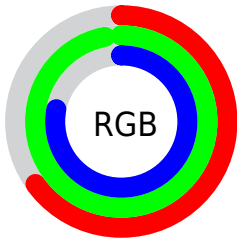
Format	Color
R <sub>Y</sub> B	166, 224, 247
Decimal	10942407
CIE Lab	91.12, -34.50, 15.34
CIE LCh	91, 37.756, 156.030
Yxy	78.7520, 0.2904, 0.3857
Android (android.graphics.Color)	4289132487 (0xFFA6F7C7)
YUV	217.3090, -9.0263, -44.9980
Hunter-Lab	88.7423, -36.0298, 17.9518

# Details

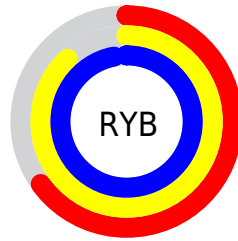
The Hex color **A6F7C7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F7A6D6**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **DFFFFFF**, and **6FB E91** is the 20% darker color. If you saturate the color by 10%, you get **8DF7B8**, and if you desaturate by 10%, it is **BFF7D6**.

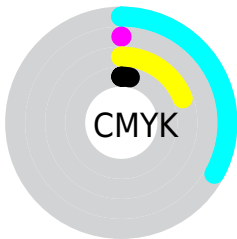
# Distribution



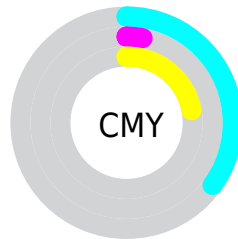
- Red (65%)
- Green (97%)
- Blue (78%)



- Red (65%)
- Yellow (88%)
- Blue (97%)



- Cyan (33%)
- Magenta (0%)
- Yellow (19%)
- Black (3%)



- Cyan (35%)
- Magenta (3%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6F7C7 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 A6F7C7 by changing the saturation by 10% instead.



 A6F7C7

FFFFFF

 DFFFFF

 FCFFFF

 A6F7C7

 8ADAAC

 6FBE91

 54A377

 39885E

 1B6E47

 005630

 003E1B

 002801

 000800

 A6F7C7

 A6F7C7

 8DF7B8

 BFF7D6

 75F7AA

 D7F7E4

 5CF79B

 F0F7F3

 43F78C

 FFF7FF

 2BF77E

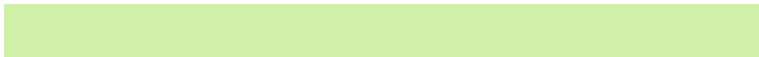
 12F76F

 00F765

# Harmonies

## Analogous

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



D0F0AA



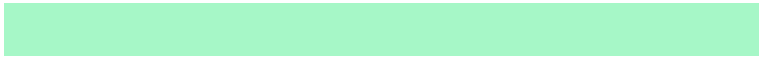
A6F7C7



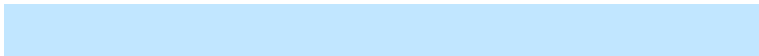
80FAEC

# Triad

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



A6F7C7



C1E6FF



FFCFBD

# Complementary

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



A6F7C7



F7A6D6

# 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.



FFCADF



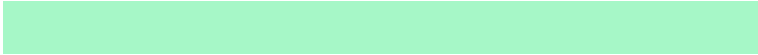
A6F7C7



F4DAFF

# Square

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



A6F7C7



8DF1FF



FFCFFF



FFD9A4

# Rectangle

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



A6F7C7



71F9FF



FFCFFF

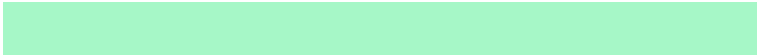


FFCC8

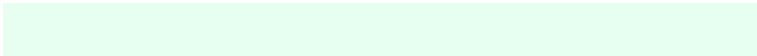


# Sweetspot

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



A6F7C7



E6FFF0



D7F7A6



708076



000000



808080

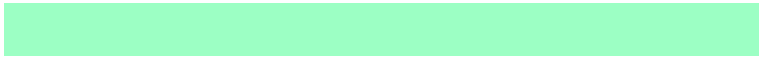


# Same Dimension

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



A6F7C7



9CFFC4



A6F7EF



6E7A73



00BA4C



003B18



# Inverse Universe

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



F7A6D6



FF9CD6



F7A6AE



7A6E75



BA006E

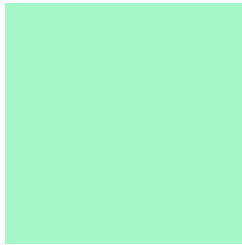


3B0023



# Previews

## White Background



This preview shows how the Hex color A6F7C7 looks on a white background.

## Color Contrast Check

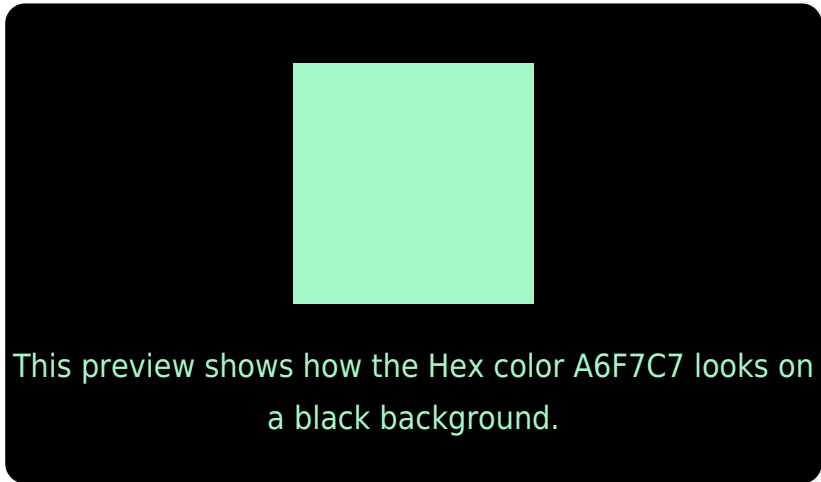
Large Text (above 18pt) WCAG AA × Fail

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 A6F7C7 Background



This preview shows how black text looks on a background with the Hex color A6F7C7.

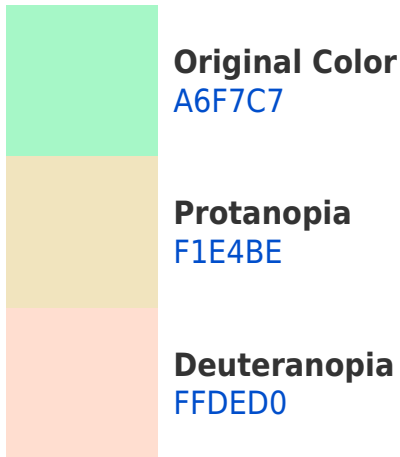


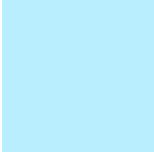
This preview shows how white text looks on a background with the Hex color A6F7C7.

# 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



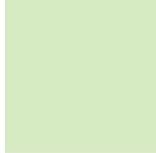


**Tritanopia**  
B9EEFF

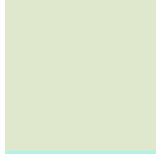
# Trichromacy



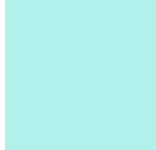
**Original Color**  
A6F7C7



**Protanomaly**  
D6EBC1



**Deuteranomaly**  
DFE7CD

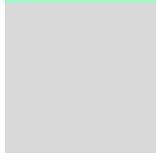


**Tritanomaly**  
B2F1EB

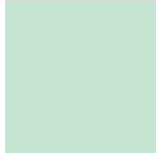
# Monochromacy



**Original Color**  
A6F7C7



**Achromatopsia**  
D9D9D9



**Achromatomaly**  
C6E4D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6F7C7 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 #A6F7C7 looks like.

```
.text, #text, p{  
    color:#A6F7C7  
}
```

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 #A6F7C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6F7C7
}
```

## Border

The CSS property to change the border of an element to Hex A6F7C7 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
#A6F7C7 }
```

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

```
.border{ border-color:#A6F7C7 }
```

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

Here you see how a box with a 4 pixel `#A6F7C7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6F7C7; -webkit-box-shadow:4px 4px  
4px 4px #A6F7C7; box-shadow:4px 4px 4px  
4px #A6F7C7 }
```

# Background

The CSS property to change the background color of an element to Hex A6F7C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6F7C7 }
```

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

```
.background{ background-color:#A6F7C7 }
```

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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