

# Converting Colors

Hex(A2F6CE)

Have a look what the booklet for  
Hex(A2F6CE) contains.

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# Color

**Hex(A2F6CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2F6CE
RGB	162, 246, 206
RGB Percent	64%, 96%, 81%
CMY	0.3647, 0.0353, 0.1922
CMYK	0.34, 0.00, 0.16, 0.04
HSL	151°, 82%, 80%
HSV	151°, 34%, 96%
XYZ	58.9966, 78.0491, 70.3481
YIQ	216.3240, -37.2240, -30.2480

# Conversions

## Conversions Part 2

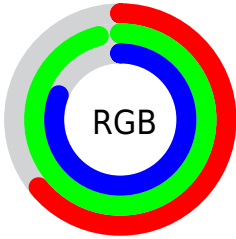
Format	Color
<b>RYB</b>	162, 217, 246
Decimal	10680014
CIELab	90.80, -33.84, 11.24
CIELCh	91, 35.660, 161.623
Yxy	78.0491, 0.2845, 0.3763
Android (android.graphics.Color)	4288870094 (0xFFA2F6CE)
YUV	216.3240, -5.0897, -47.6421
Hunter-Lab	88.3454, -35.4031, 14.6301

# Details

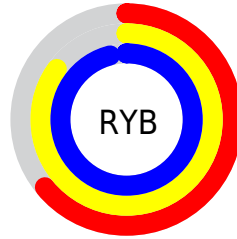
The Hex color **A2F6CE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F6A2CA**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **DBFFFF**, and **6BBD98** is the 20% darker color. If you saturate the color by 10%, you get **89F6C2**, and if you desaturate by 10%, it is **BBF6DA**.

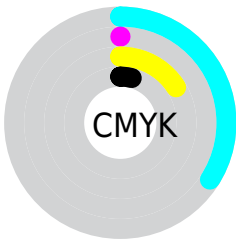
# Distribution



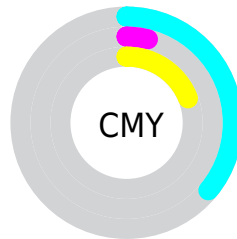
- Red (64%)
- Green (96%)
- Blue (81%)



- Red (64%)
- Yellow (85%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2F6CE 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 A2F6CE by changing the saturation by 10% instead.



 A2F6CE

 A2F6CE

FFFFFF

 86D9B2

 DBFFFF

 6BBD98

 F8FFFF

 50A27E

 348765

 146E4D

 005536

 003D20

 00270A

 000500

 A2F6CE

 A2F6CE

 89F6C2

 BBF6DA

 71F6B7

 D3F6E5

 58F6AB

 ECF6F1

 40F69F

 FFF6FD

 27F693

 FFF6FF

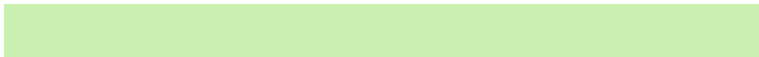
 0EF688

 00F681

# Harmonies

## Analogous

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



C9F0B1



A2F6CE



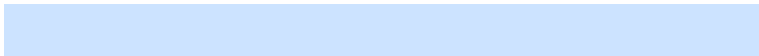
82F8F1

# Triad

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



A2F6CE



CCE3FF



FFD1B9

# Complementary

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



A2F6CE



F6A2CA

# 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.



FFCBD8



A2F6CE



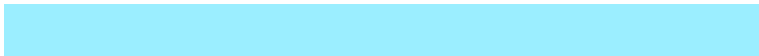
FAD7FF

# Square

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



A2F6CE



9BEEFF



FFCEFB



FFDBA4

# Rectangle

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



A2F6CE



79F6FF



FFCEFB



FFCEC2



# Sweetspot

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



A2F6CE



E6FFF3



CBF6A2



708078



000000



808080



# Same Dimension

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



A2F6CE



96FFCD



A2F5F6



6E7A75



00BA62



003B1F



# Inverse Universe

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



F6A2CA



FF96C8



F6A3A2



7A6E74



BA0059

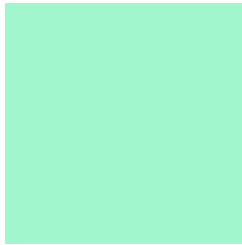


3B001C



# Previews

## White Background



This preview shows how the Hex color A2F6CE looks on a white background.

## Color Contrast Check

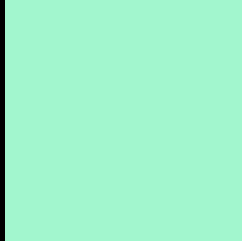
Large Text (above 18pt) WCAG AA × Fail

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 A2F6CE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

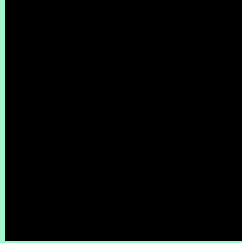
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2F6CE Background



This preview shows how black text looks on a background with the Hex color A2F6CE.

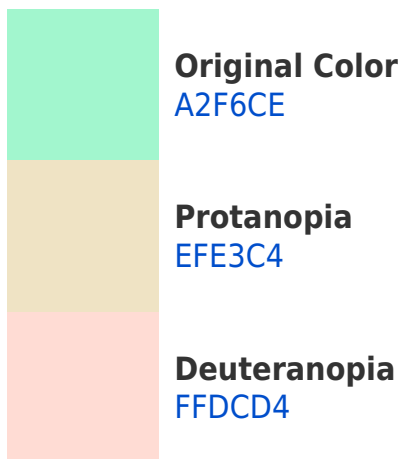


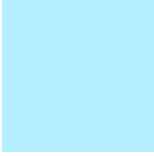
This preview shows how white text looks on a background with the Hex color A2F6CE.

# 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](#).

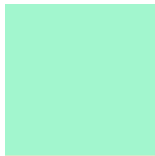
## Dichromacy



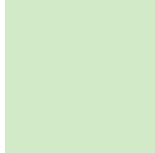


**Tritanopia**  
B4EEFF

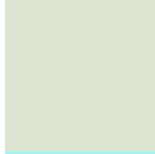
# Trichromacy



**Original Color**  
A2F6CE



**Protanomaly**  
D3EAC8



**Deuteranomaly**  
DDE5D2

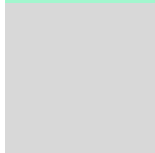


**Tritanomaly**  
ADF1ED

# Monochromacy



**Original Color**  
A2F6CE



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
C4E3D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2F6CE 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 #A2F6CE looks like.

```
.text, #text, p{  
    color:#A2F6CE  
}
```

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 #A2F6CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2F6CE }  
}
```

## Border

The CSS property to change the border of an element to Hex A2F6CE 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 #A2F6CE }  
}
```

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

```
.border{ border-color:#A2F6CE }
```

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

Here you see how a box with a 4 pixel #A2F6CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2F6CE; -webkit-box-shadow:4px 4px  
4px 4px #A2F6CE; box-shadow:4px 4px 4px  
4px #A2F6CE }
```

# Background

The CSS property to change the background color of an element to Hex A2F6CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2F6CE }
```

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

```
.background{ background-color:#A2F6CE }
```

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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