

# Converting Colors

Hex(A2F6ED)

Have a look what the booklet for  
Hex(A2F6ED) contains.

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# Color

**Hex(A2F6ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2F6ED
RGB	162, 246, 237
RGB Percent	64%, 96%, 93%
CMY	0.3647, 0.0353, 0.0706
CMYK	0.34, 0.00, 0.04, 0.04
HSL	174°, 82%, 80%
HSV	174°, 34%, 96%
XYZ	63.1421, 79.7073, 92.1779
YIQ	219.8580, -47.1750, -20.6070

# Conversions

## Conversions Part 2

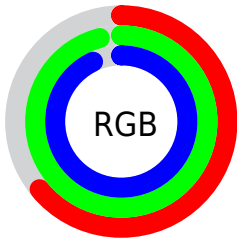
<b>Format</b>	<b>Color</b>
<b>RYB</b>	162, 206, 246
Decimal	10680045
CIELab	91.55, -27.31, -3.76
CIELCh	92, 27.572, 187.842
Yxy	79.7073, 0.2687, 0.3391
Android (android.graphics.Color)	4288870125 (0xFFA2F6ED)
YUV	219.8580, 8.4510, -50.7415
Hunter-Lab	89.2790, -29.9949, 1.2801

# Details

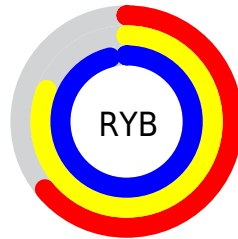
The Hex color **A2F6ED** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F6A2AB**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **DBFFFF**, and **6ABDB5** is the 20% darker color. If you saturate the color by 10%, you get **89F6EA**, and if you desaturate by 10%, it is **BBF6F0**.

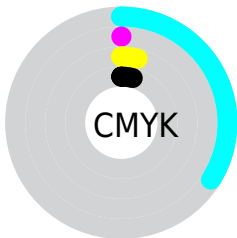
# Distribution



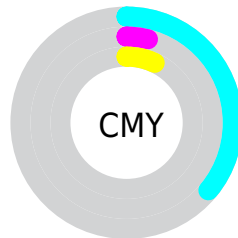
- Red (64%)
- Green (96%)
- Blue (93%)



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



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



- Cyan (36%)
- Magenta (4%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2F6ED 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 A2F6ED by changing the saturation by 10% instead.



 A2F6ED

 A2F6ED

FFFFFF


 86D9D1

 DBFFFF

 6ABDB5

 F9FFFF

 4EA29A

 318880

 0B6E67

 00554F

 003E39

 002723

 000B0E

 A2F6ED

 A2F6ED

 89F6EA

 BBF6F0

 71F6E8

 D3F6F2

 58F6E5

 ECF6F5

 40F6E2

 FFF6F8

 27F6E0

 FFF6FA

 0EF6DD

 FFF6FD

 00F6DC

 FFF6FF

# Harmonies

## Analogous

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



B8F4D2



A2F6ED



9DF4FF

# Triad

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



A2F6ED



F4DEFF



FFDEB7

# Complementary

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



A2F6ED



F6A2AB

# 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.



FFD7C7



A2F6ED



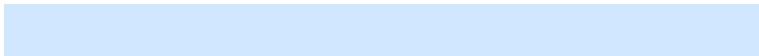
FFD6FB

# Square

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



A2F6ED



D1E7FF



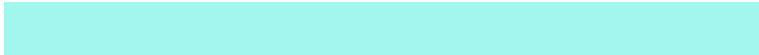
FFD4E1



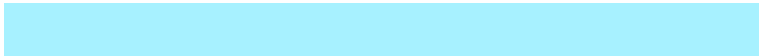
F4E7B2

# Rectangle

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



A2F6ED



A7F1FF



FFD4E1



FFDCBB



# Sweetspot

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



A2F6ED



E6FFFC



ACF6A2



70807E



000000



808080



# Same Dimension

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



A2F6ED



96FFF4



A2D6F6



6E7A79



00BAA6



003B34



# Inverse Universe

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



F6A2AB



FF96A2



F6C2A2



7A6E6F



BA0014

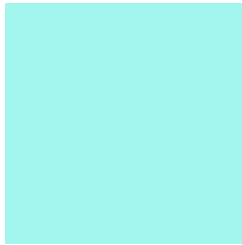


3B0006



# Previews

## White Background



This preview shows how the Hex color A2F6ED looks on a white background.

## Color Contrast Check

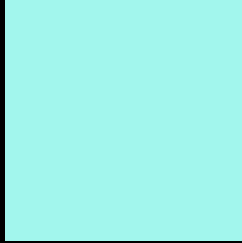
Large Text (above 18pt) WCAG AA × Fail

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 A2F6ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

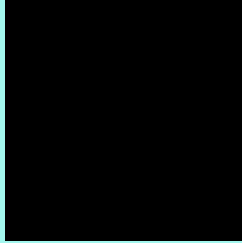
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A2F6ED Background



This preview shows how black text looks on a background with the Hex color A2F6ED.

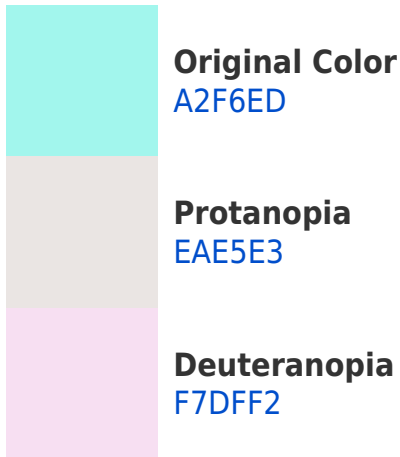


This preview shows how white text looks on a background with the Hex color A2F6ED.

# 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



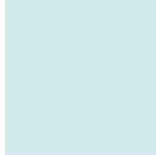


**Tritanopia**  
B8F0FF

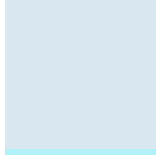
# Trichromacy



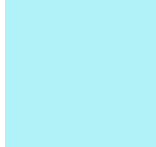
**Original Color**  
A2F6ED



**Protanomaly**  
D0EBE7



**Deuteranomaly**  
D8E7F0

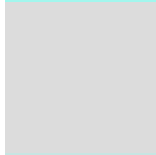


**Tritanomaly**  
B0F2F8

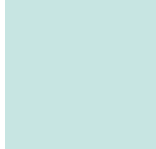
# Monochromacy



**Original Color**  
A2F6ED



**Achromatopsia**  
DCDCDC



**Achromatomaly**  
C7E5E2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2F6ED 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 #A2F6ED looks like.

```
.text, #text, p{  
    color:#A2F6ED  
}
```

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 #A2F6ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2F6ED
}
```

## Border

The CSS property to change the border of an element to Hex A2F6ED 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
#A2F6ED }
```

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

```
.border{ border-color:#A2F6ED }
```

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

Here you see how a box with a 4 pixel #A2F6ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2F6ED; -webkit-box-shadow:4px 4px  
4px 4px #A2F6ED; box-shadow:4px 4px 4px  
4px #A2F6ED }
```

# Background

The CSS property to change the background color of an element to Hex A2F6ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2F6ED }
```

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

```
.background{ background-color:#A2F6ED }
```

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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