

# Converting Colors

Hex(A2F4EA)

Have a look what the booklet for  
Hex(A2F4EA) contains.

<b>Hex(A2F4EA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A2F4EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2F4EA
RGB	162, 244, 234
RGB Percent	64%, 96%, 92%
CMY	0.3647, 0.0431, 0.0824
CMYK	0.34, 0.00, 0.04, 0.04
HSL	173°, 79%, 80%
HSV	173°, 34%, 96%
XYZ	62.1023, 78.3233, 89.6867
YIQ	218.3420, -45.6620, -20.4940

# Conversions

## Conversions Part 2

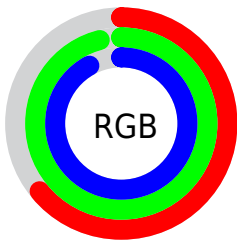
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	162, 206, 244
Decimal	10679530
CIE Lab	90.93, -27.02, -3.12
CIE LCh	91, 27.203, 186.590
Yxy	78.3233, 0.2699, 0.3404
Android (android.graphics.Color)	4288869610 (0xFFA2F4EA)
YUV	218.3420, 7.7194, -49.4119
Hunter-Lab	88.5004, -29.6193, 1.8656

# Details

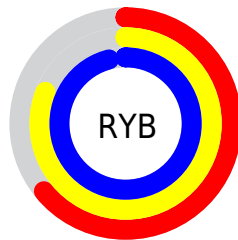
The Hex color **A2F4EA** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F4A2AC**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **DBFFFF**, and **6ABCB2** is the 20% darker color. If you saturate the color by 10%, you get **8AF4E7**, and if you desaturate by 10%, it is **BAF4ED**.

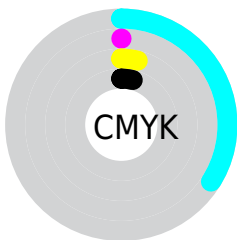
# Distribution



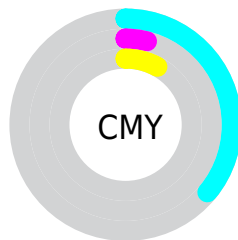
- Red (64%)
- Green (96%)
- Blue (92%)



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



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



- Cyan (36%)
- Magenta (4%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2F4EA 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 A2F4EA by changing the saturation by 10% instead.



 A2F4EA

 A2F4EA

FFFFFF

 86D7CE

 DBFFFF

 6ABCB2

 F9FFFF

 4FA098

 32867E

 0E6C65

 00544D

 003C36

 002621

 00070B

 A2F4EA

 A2F4EA

 8AF4E7

 BAF4ED

 71F4E4

 D3F4F0

 59F4E1

 EBF4F3

 40F4DE

 FFF4F6

 28F4DB

 FFF4F9

 10F4D8

 FFF4FC

 00F4D6

 FFF4FF

# Harmonies

## Analogous

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



B9F2CF



A2F4EA



9CF2FF

# Triad

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



A2F4EA



F1DCFF



FFDCB6

# Complementary

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



A2F4EA



F4A2AC

# 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.



FFD5C7



A2F4EA



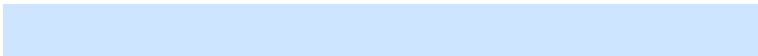
FFD5FA

# Square

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



A2F4EA



CEE5FF



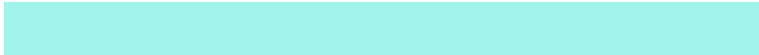
FFD2E0



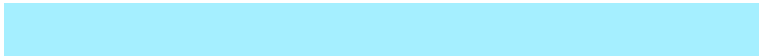
F3E5B1

# Rectangle

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



A2F4EA



A5EFFF



FFD2E0



FFDABA



# Sweetspot

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



A2F4EA



E6FFFC



ADF4A2



70807E



000000

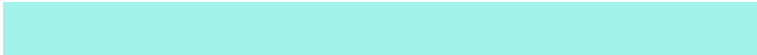


808080

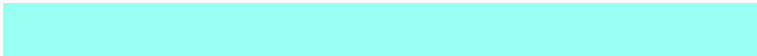


# Same Dimension

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



A2F4EA



99FFF3



A2D6F4



6E7A79



00BAA3



003B33



# Inverse Universe

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



F4A2AC



FF99A5



F4C0A2



7A6E70



BA0017

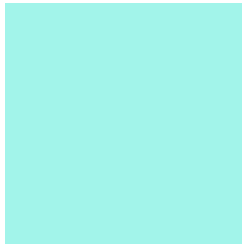


3B0007



# Previews

## White Background



This preview shows how the Hex color A2F4EA looks on a white background.

## Color Contrast Check

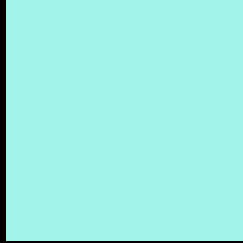
Large Text (above 18pt) WCAG AA × Fail

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 A2F4EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

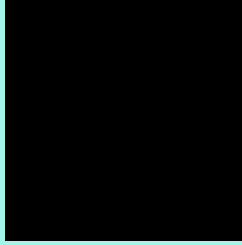
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

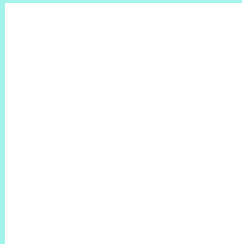
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A2F4EA Background



This preview shows how black text looks on a background with the Hex color A2F4EA.

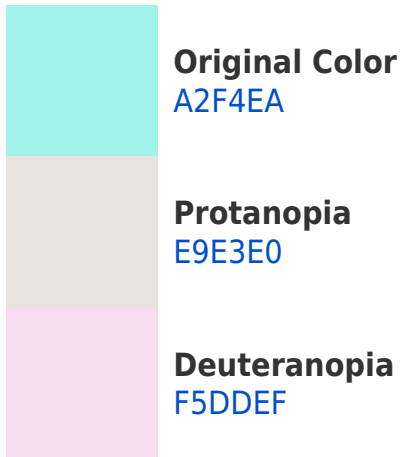


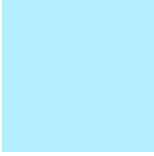
This preview shows how white text looks on a background with the Hex color A2F4EA.

# 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



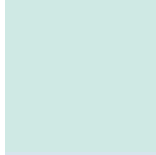


**Tritanopia**  
B3EEFF

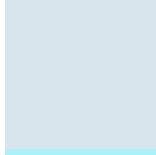
# Trichromacy



**Original Color**  
A2F4EA



**Protanomaly**  
CFE9E4



**Deuteranomaly**  
D7E5ED

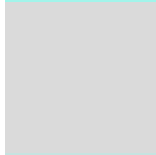


**Tritanomaly**  
ADF0F7

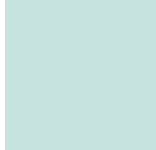
# Monochromacy



**Original Color**  
A2F4EA



**Achromatopsia**  
DADADA



**Achromatomaly**  
C6E3E0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2F4EA 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 #A2F4EA looks like.

```
.text, #text, p{  
    color:#A2F4EA  
}
```

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 #A2F4EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2F4EA
}
```

## Border

The CSS property to change the border of an element to Hex A2F4EA 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
#A2F4EA }
```

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

```
.border{ border-color:#A2F4EA }
```

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

Here you see how a box with a 4 pixel #A2F4EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2F4EA; -webkit-box-shadow:4px 4px  
4px 4px #A2F4EA; box-shadow:4px 4px 4px  
4px #A2F4EA }
```

# Background

The CSS property to change the background color of an element to Hex A2F4EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2F4EA }
```

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

```
.background{ background-color:#A2F4EA }
```

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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