

Converting Colors

Hex(AFE9E2)

Have a look what the booklet for
Hex(AFE9E2) contains.

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Color

Hex(AFE9E2)

Conversions

Conversions Part 1

Format	Color
Hex	AFE9E2
RGB	175, 233, 226
RGB Percent	69%, 91%, 89%
CMY	0.3137, 0.0863, 0.1137
CMYK	0.25, 0.00, 0.03, 0.09
HSL	173°, 57%, 80%
HSV	173°, 25%, 91%
XYZ	60.5456, 72.8828, 82.8282
YIQ	214.8600, -32.3210, -14.4730

Conversions

Conversions Part 2

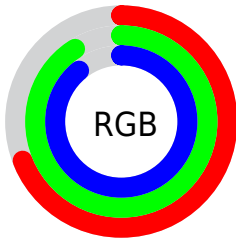
Format	Color
R _Y B	175, 206, 233
Decimal	11528674
CIE _{Lab}	88.39, -19.75, -2.59
CIE _{LCh}	88, 19.919, 187.462
Y _{xy}	72.8828, 0.2800, 0.3370
Android (android.graphics.Color)	4289718754 (0xFFAFE9E2)
YUV	214.8600, 5.4920, -34.9572
Hunter-Lab	85.3714, -22.8074, 2.2362

Details

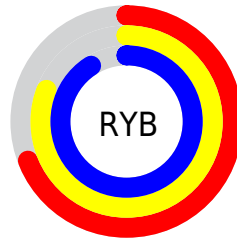
The Hex color **AFE9E2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E9AFB6**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **E8FFFF**, and **79B1AB** is the 20% darker color. If you saturate the color by 10%, you get **98E9DF**, and if you desaturate by 10%, it is **C6E9E5**.

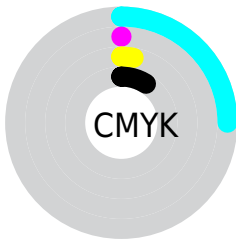
Distribution



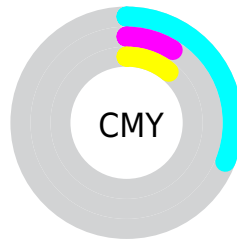
- Red (69%)
- Green (91%)
- Blue (89%)



- Red (69%)
- Yellow (81%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFE9E2 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 AFE9E2 by changing the saturation by 10% instead.

 AFE9E2

 AFE9E2

FFFFFF

 94CDC6

 E8FFFF

 79B1AB

 5F9690

 457C77

 2B635E

 0F4B46

 003430

 001F1B

 000000

 AFE9E2

 AFE9E2

 98E9DF

 C6E9E5

 80E9DC

 DEE9E8

 69E9DA

 F5E9EA

 52E9D7

 FFE9ED

 3BE9D4

 FFE9F0

 23E9D1

 FFE9F3

 0CE9CE

 FFE9F6

 00E9CD

 FFE9F8

 FFE9FB

Harmonies

Analogous

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



BEE8CF



AFE9E2



ACE8F4

Triad

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



AFE9E2



E7D7FC



FAD8BB

Complementary

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



AFE9E2



E9AFB6

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.



FFD3C8



AFE9E2



FBD2ED

Square

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



AFE9E2



CFDEFF



FFD1DA



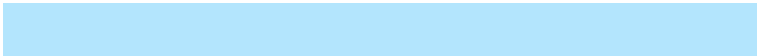
E8DEB8

Rectangle

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



AFE9E2



B3E5FD



FFD1DA



FED6BF

Sweetspot

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



AFE9E2



EDFFFD



B7E9AF



75807E



000000



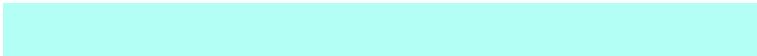
808080

Same Dimension

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



AFE9E2



B3FFF6



AFD4E9



6A7574



00B59F



00362F

Inverse Universe

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



E9AFB6



FFB3BC



E9C4AF



756A6B



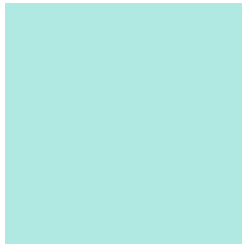
B50016



360006

Previews

White Background



This preview shows how the Hex color AFE9E2 looks on a white background.

Color Contrast Check

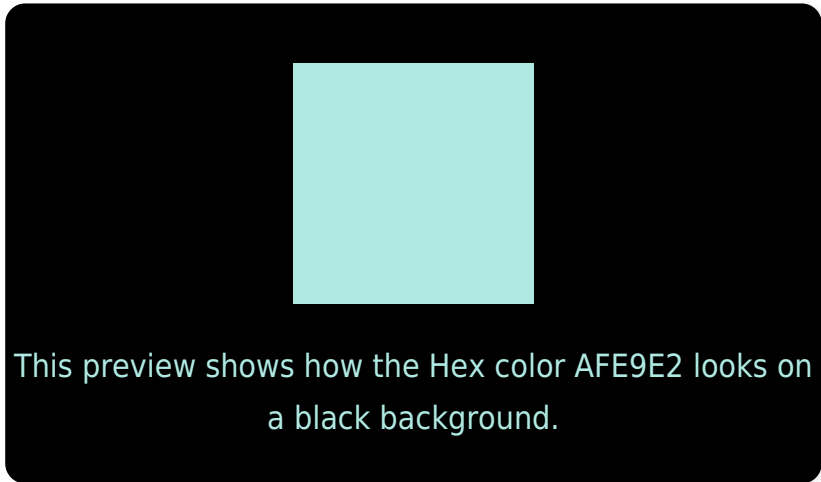
Large Text (above 18pt) WCAG AA × Fail

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

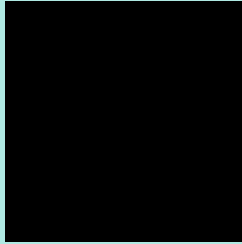
Any Text WCAG AA ✓ Pass

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 AFE9E2 Background



This preview shows how black text looks on a background with the Hex color AFE9E2.

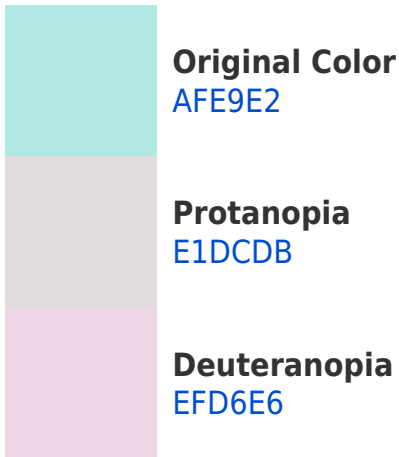


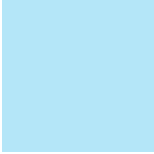
This preview shows how white text looks on a background with the Hex color AFE9E2.

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](#).

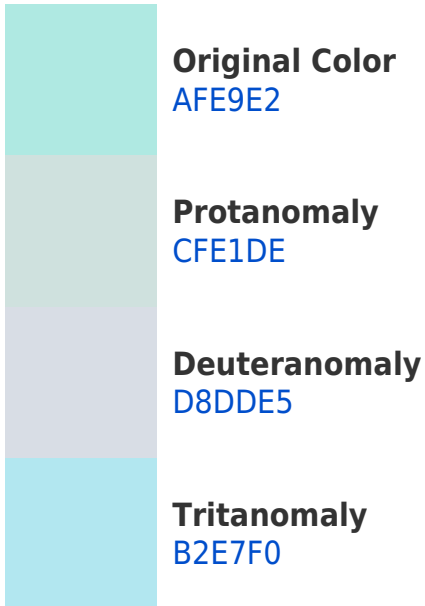
Dichromacy



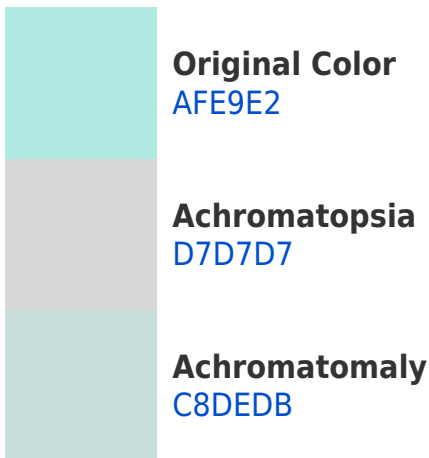


Tritanopia
B4E6F8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFE9E2 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 #AFE9E2 looks like.

```
.text, #text, p{  
    color:#AFE9E2  
}
```

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 #AFE9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFE9E2
}
```

Border

The CSS property to change the border of an element to Hex AFE9E2 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
#AFE9E2 }
```

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

```
.border{ border-color:#AFE9E2 }
```

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

Here you see how a box with a 4 pixel #AFE9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFE9E2; -webkit-box-shadow:4px 4px  
4px 4px #AFE9E2; box-shadow:4px 4px 4px  
4px #AFE9E2 }
```

Background

The CSS property to change the background color of an element to Hex AFE9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFE9E2 }
```

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

```
.background{ background-color:#AFE9E2 }
```

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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