

# Converting Colors

Hex(AFEBF2)

Have a look what the booklet for  
Hex(AFEBF2) contains.

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# **Color**

**Hex(AFEBF2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFEBF2
RGB	175, 235, 242
RGB Percent	69%, 92%, 95%
CMY	0.3137, 0.0784, 0.0510
CMYK	0.28, 0.03, 0.00, 0.05
HSL	186°, 72%, 82%
HSV	186°, 28%, 95%
XYZ	63.4145, 74.9414, 95.1272
YIQ	217.8580, -38.0070, -10.5430

# Conversions

## Conversions Part 2

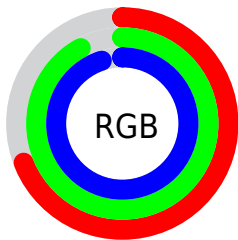
Format	Color
<a href="#">RYB</a>	<a href="#">175, 207, 242</a>
Decimal	<a href="#">11529202</a>
CIELab	<a href="#">89.37, -17.26, -9.53</a>
CIElCh	<a href="#">89, 19.714, 208.912</a>
Yxy	<a href="#">74.9414, 0.2716, 0.3210</a>
Android (android.graphics.Color)	<a href="#">4289719282</a> ( <a href="#">0xFFAFEBF2</a> )
YUV	<a href="#">217.8580, 11.9020, -37.5865</a>
Hunter-Lab	<a href="#">86.5687, -20.7379, -4.5535</a>

# Details

The Hex color **AFEBF2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F2B6AF**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **E8FFFF**, and **78B3BA** is the 20% darker color. If you saturate the color by 10%, you get **97E8F2**, and if you desaturate by 10%, it is **C7EEF2**.

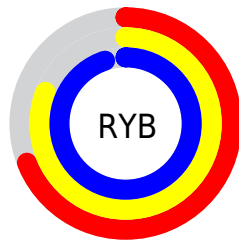
# Distribution



Red (69%)

Green (92%)

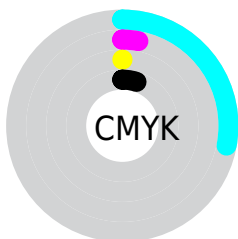
Blue (95%)



Red (69%)

Yellow (81%)

Blue (95%)

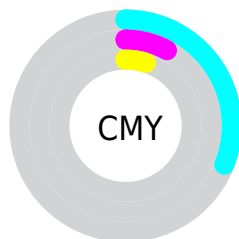


Cyan (28%)

Magenta (3%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (8%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFEBF2 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 AFEBF2 by changing the saturation by 10% instead.



 AFEBF2

FFFFFF

 E8FFFF

 AFEBF2

 93CFD6

 78B3BA

 5E989F

 437E85

 29656C

 064D53

 00363C

 002127

 000112

 AFEBF2

 AFEBF2

 97E8F2

 C7EEF2

 7FE6F2

 DFF0F2

 66E3F2

 F8F3F2

 4EE1F2

 FFF5F2

 36DEF2

 FFF8F2

 1EDCF2

 FFFAF2

 06D9F2

 FFFDF2

 00D9F2

 FFFFF2

# Harmonies

## Analogous

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



B5ECD F



A F E B F 2



B 7 E 8 F F

# Triad

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



AFEBF2



F9D6F4



F0DFBB

# Complementary

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



AFEBF2



F2B6AF

# 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.



FFD9C1



AFEBF2



FFD4E2

# Square

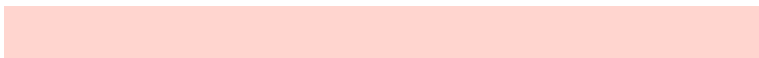
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AFEBF2



E3DCFF



FFD5CF



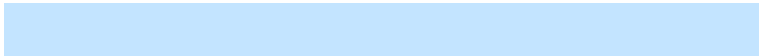
DCE5BF

# Rectangle

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



AFEBF2



C3E4FF



FFD5CF



F6DDBC

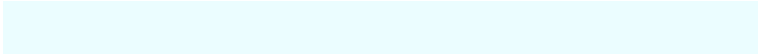


# Sweetspot

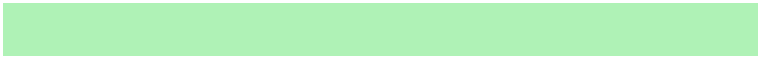
The Sweet Spot groups the original color and five complimentary colors.



AFEBF2



EBFDFF



AFF2B6



737E80



000000



808080



# Same Dimension

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



AFEBF2



ABF6FF



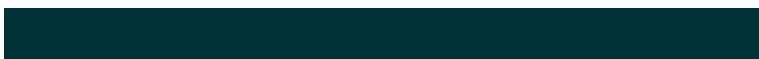
AFCAF2



6C7778



00A4B8



003238



# Inverse Universe

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



F2AFEB



FFABF6



F2D7AF



786C77



B800A4

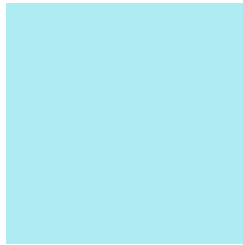


380032



# Previews

## White Background



This preview shows how the Hex color AFEBF2 looks on a white background.

## Color Contrast Check

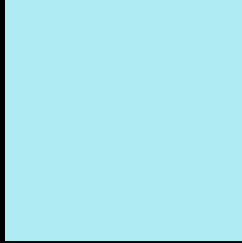
Large Text (above 18pt) WCAG AA × Fail

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 AFEBF2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

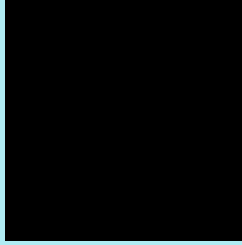
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AFEBF2 Background



This preview shows how black text looks on a background with the Hex color AFEBF2.

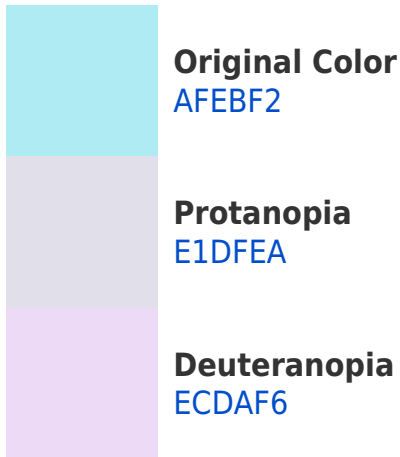


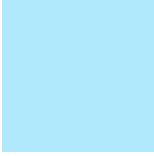
This preview shows how white text looks on a background with the Hex color AFEBF2.

# 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](#).

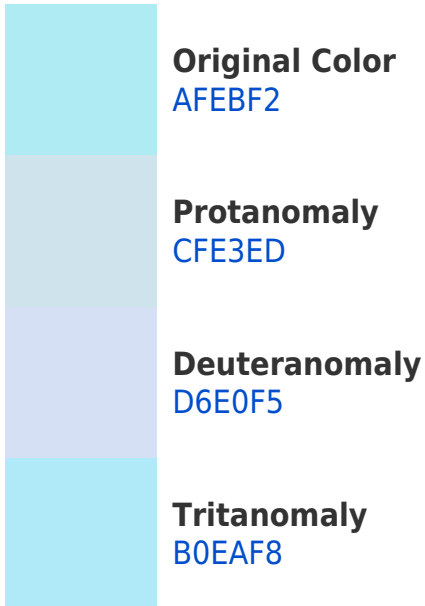
## Dichromacy



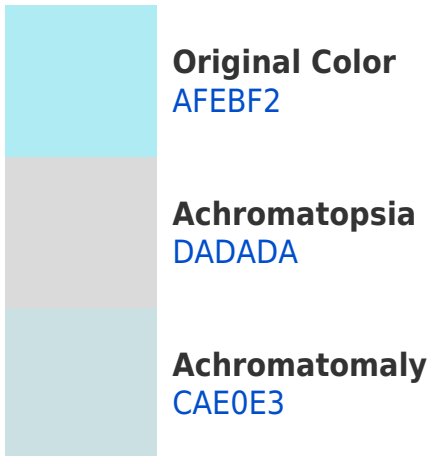


**Tritanopia**  
B1E9FC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFEBF2 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 #AFEBF2 looks like.

```
.text, #text, p{  
    color:#AFEBF2  
}
```

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 #AFEBF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFEBF2
}
```

## Border

The CSS property to change the border of an element to Hex AFEBF2 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
#AFEBF2 }
```

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

```
.border{ border-color:#AFEBF2 }
```

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

Here you see how a box with a 4 pixel #AFEBF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFEBF2; -webkit-box-shadow:4px 4px  
4px 4px #AFEBF2; box-shadow:4px 4px 4px  
4px #AFEBF2 }
```

# Background

The CSS property to change the background color of an element to Hex AFEBF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFEBF2 }
```

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

```
.background{ background-color:#AFEBF2 }
```

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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