

# Converting Colors

Hex(AFD7DE)

Have a look what the booklet for  
Hex(AFD7DE) contains.

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# **Color**

**Hex(AFD7DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFD7DE
RGB	175, 215, 222
RGB Percent	69%, 84%, 87%
CMY	0.3137, 0.1569, 0.1294
CMYK	0.21, 0.03, 0.00, 0.13
HSL	189°, 42%, 78%
HSV	189°, 21%, 87%
XYZ	55.1645, 62.9888, 78.3578
YIQ	203.8380, -26.0870, -6.3030

# Conversions

## Conversions Part 2

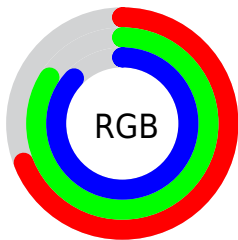
Format	Color
R <sub>YB</sub>	175, 197, 222
Decimal	11524062
CIE Lab	83.44, -11.53, -7.79
CIE LCh	83, 13.916, 214.018
Yxy	62.9888, 0.2807, 0.3205
Android (android.graphics.Color)	4289714142 (0xFFAFD7DE)
YUV	203.8380, 8.9539, -25.2909
Hunter-Lab	79.3655, -14.8198, -2.9814

# Details

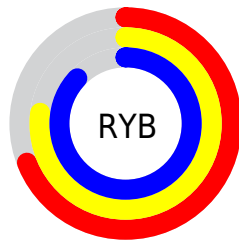
The Hex color **AFD7DE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DEB6AF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E7FFFF**, and **7AA0A7** is the 20% darker color. If you saturate the color by 10%, you get **99D4DE**, and if you desaturate by 10%, it is **C5DADE**.

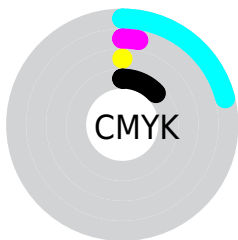
# Distribution



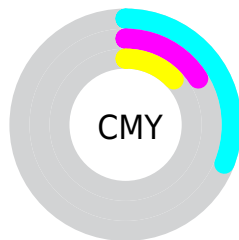
- Red (69%)
- Green (84%)
- Blue (87%)



- Red (69%)
- Yellow (77%)
- Blue (87%)



- Cyan (21%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (16%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFD7DE 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 AFD7DE by changing the saturation by 10% instead.



 AFD7DE

FFFFFF

 E7FFFF

 AFD7DE

 94BBC2

 7AA0A7

 60868D

 476D73

 2F545B

 163D43

 00272D

 001418

 000000

 AFD7DE

 AFD7DE

 99D4DE

 C5DADE

 83D0DE

 DBDEDE

 6CCDDE

 F2E1DE

 56CADE

 FFE4DE

 40C6DE

 FFE8DE

 2AC3DE

 FFE8DE

 14C0DE

 FFE8DE

 00BDDE

 FFF1DE

 FFF5DE

# Harmonies

## Analogous

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



B1D8D1



AFD7DE



B6D4E7

# Triad

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



AFD7DE



E3C8DC



D9D0B6

# Complementary

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



AFD7DE



DEB6AF

# 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.



E5CBB9



AFD7DE



EBC7CF

# Square

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



AFD7DE



D5CCE6



ECC8C2



CAD4BA

# Rectangle

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



AFD7DE



BFD2EA



ECC8C2



DDCEB6

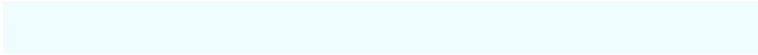


# Sweetspot

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



AFD7DE



F0DFFF



AFDEB5



777E80



000000



808080

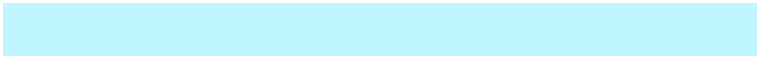


# Same Dimension

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



AFD7DE



BFF6FF



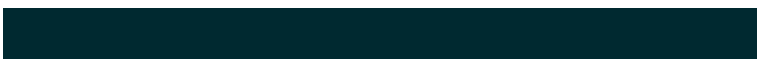
AFC0DE



656F70



0096B0



002930



# Inverse Universe

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



DEAFD7



FFBFF6



DECDAF



70656F



B00096

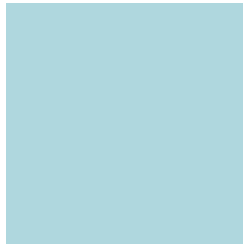


300029



# Previews

## White Background



This preview shows how the Hex color AFD7DE looks on a white background.

## Color Contrast Check

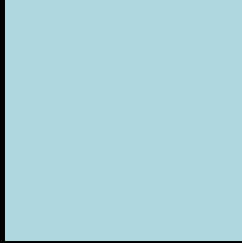
Large Text (above 18pt) WCAG AA × Fail

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 AFD7DE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

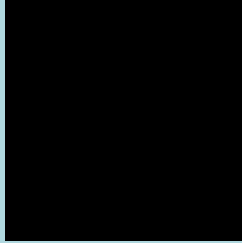
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

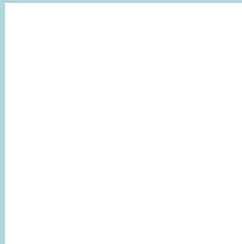
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AFD7DE Background



This preview shows how black text looks on a background with the Hex color AFD7DE.

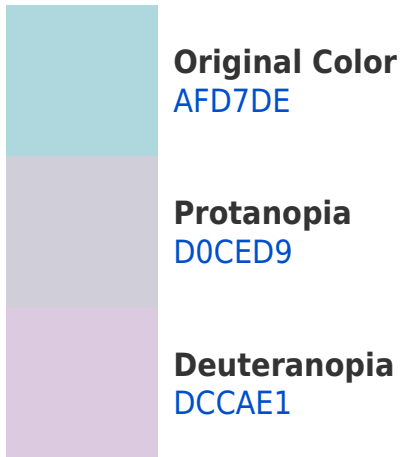


This preview shows how white text looks on a background with the Hex color AFD7DE.

# 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](#).

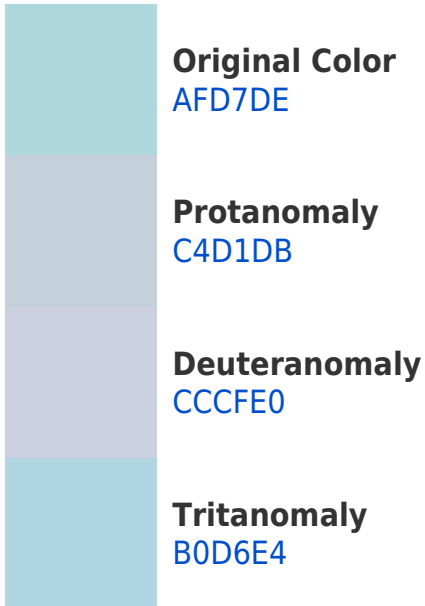
## Dichromacy



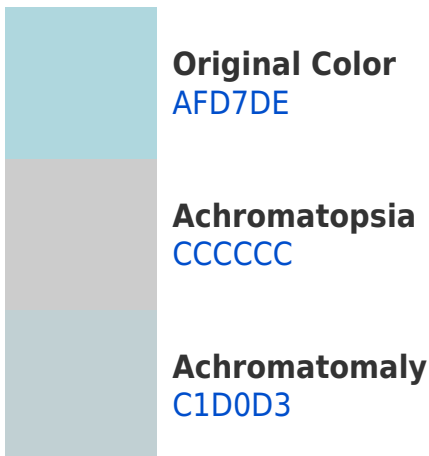


**Tritanopia**  
B1D6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFD7DE 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 #AFD7DE looks like.

```
.text, #text, p{  
    color:#AFD7DE  
}
```

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 #AFD7DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFD7DE  
}
```

## Border

The CSS property to change the border of an element to Hex AFD7DE 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  
#AFD7DE }
```

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

```
.border{ border-color:#AFD7DE }
```

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

Here you see how a box with a 4 pixel #AFD7DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFD7DE; -webkit-box-shadow:4px 4px  
4px 4px #AFD7DE; box-shadow:4px 4px 4px  
4px #AFD7DE }
```

# Background

The CSS property to change the background color of an element to Hex AFD7DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFD7DE }
```

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

```
.background{ background-color:#AFD7DE }
```

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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