

# Converting Colors

Hex(AAD6E7)

Have a look what the booklet for  
Hex(AAD6E7) contains.

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# **Color**

**Hex(AAD6E7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AAD6E7
RGB	170, 214, 231
RGB Percent	67%, 84%, 91%
CMY	0.3333, 0.1608, 0.0941
CMYK	0.26, 0.07, 0.00, 0.09
HSL	197°, 56%, 79%
HSV	197°, 26%, 91%
XYZ	55.0479, 62.4087, 84.7461
YIQ	202.7820, -31.6810, -4.0410

# Conversions

## Conversions Part 2

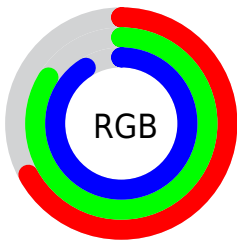
Format	Color
<b>RYB</b>	170, 196, 231
Decimal	11196135
CIELab	83.13, -10.51, -13.06
CIELCh	83, 16.760, 231.173
Yxy	62.4087, 0.2722, 0.3086
Android (android.graphics.Color)	4289386215 (0xFFAAD6E7)
YUV	202.7820, 13.9115, -28.7498
Hunter-Lab	78.9992, -13.8668, -8.3037

# Details

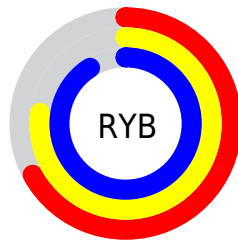
The Hex color **AAD6E7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E7BBAA**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E2FFFF**, and **749FAF** is the 20% darker color. If you saturate the color by 10%, you get **93D0E7**, and if you desaturate by 10%, it is **C1DCE7**.

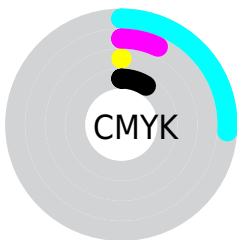
# Distribution



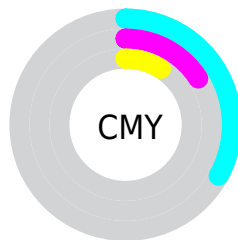
- Red (67%)
- Green (84%)
- Blue (91%)



- Red (67%)
- Yellow (77%)
- Blue (91%)



- Cyan (26%)
- Magenta (7%)
- Yellow (0%)
- Black (9%)



- Cyan (33%)
- Magenta (16%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAD6E7 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 AAD6E7 by changing the saturation by 10% instead.



 AAD6E7

 AAD6E7

FFFFFF

 8FBACB

 E2FFFF

 749FAF

 5A8595

 416C7B

 275462

 0A3C4A

 002734

 00131F

 000003

 AAD6E7

 AAD6E7

 93D0E7

 C1DCE7

 7CC9E7

 D8E3E7

 65C3E7

 EFE9E7

 4EBCE7


 FFF0E7

 36B6E7

 FFF6E7

 1FAFE7

 FFFDE7

 08A9E7

 FFFF7E7

 00A7E7

# Harmonies

## Analogous

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



A6D8DA



AAD6E7



B8D2EE

# Triad

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



AAD6E7



ECC5D4



D0D2B2

# Complementary

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



AAD6E7



E7BBAA

# 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.



E0CCB0



AAD6E7



F1C5C4

# Square

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



AAD6E7



DFC8E3



ECC8B7



BED6BB

# Rectangle

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



AAD6E7



C5CEEE



ECC8B7



D6D0B0

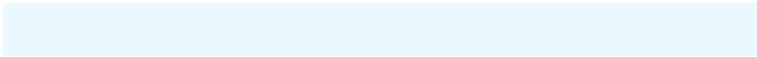


# Sweetspot

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



AAD6E7



EBF9FF



AAE7BA



737C80



000000



808080

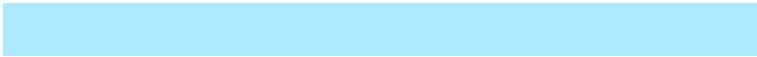


# Same Dimension

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



AAD6E7



ADE8FF



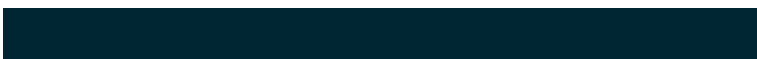
AAB8E7



677073



0081B3



002533



# Inverse Universe

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



E7AAD6



FFADE8



E7D9AA



736770



B30081

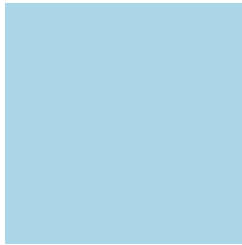


330025



# Previews

## White Background



This preview shows how the Hex color AAD6E7 looks on a white background.

## Color Contrast Check

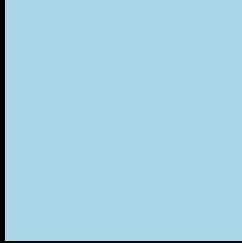
Large Text (above 18pt) WCAG AA × Fail

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 AAD6E7 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 AAD6E7 Background



This preview shows how black text looks on a background with the Hex color AAD6E7.

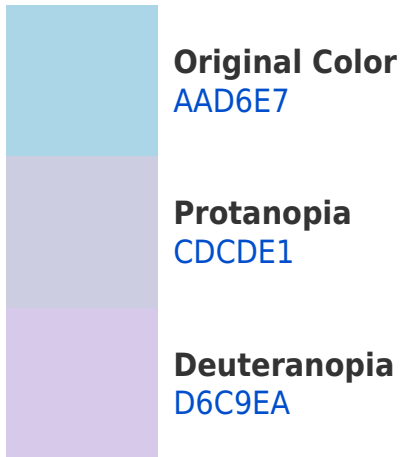


This preview shows how white text looks on a background with the Hex color AAD6E7.

# 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](#).

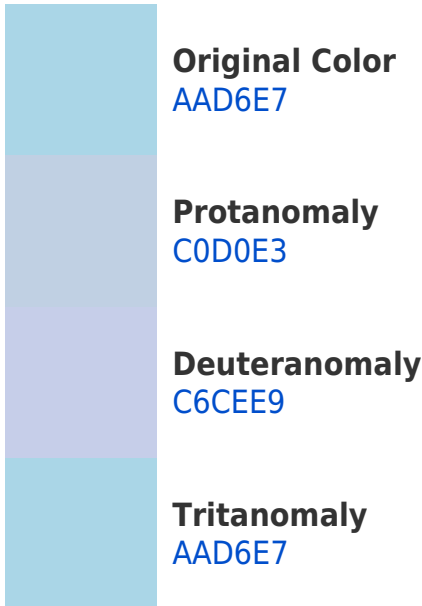
## Dichromacy



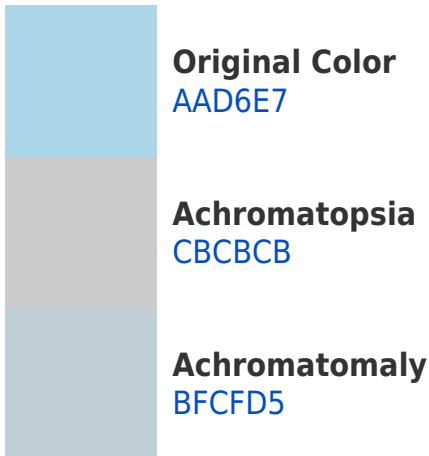


**Tritanopia**  
AAD6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAD6E7 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 #AAD6E7 looks like.

```
.text, #text, p{  
    color:#AAD6E7  
}
```

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 #AAD6E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAD6E7
}
```

## Border

The CSS property to change the border of an element to Hex AAD6E7 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
#AAD6E7 }
```

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

```
.border{ border-color:#AAD6E7 }
```

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

Here you see how a box with a 4 pixel #AAD6E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAD6E7; -webkit-box-shadow:4px 4px  
4px 4px #AAD6E7; box-shadow:4px 4px 4px  
4px #AAD6E7 }
```

# Background

The CSS property to change the background color of an element to Hex AAD6E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAD6E7 }
```

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

```
.background{ background-color:#AAD6E7 }
```

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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