

# Converting Colors

Hex(AADB00)

Have a look what the booklet for  
Hex(AADB00) contains.

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# **Color**

**Hex(AADB D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AADBBD0
RGB	170, 219, 208
RGB Percent	67%, 86%, 82%
CMY	0.3333, 0.1412, 0.1843
CMYK	0.22, 0.00, 0.05, 0.14
HSL	167°, 40%, 76%
HSV	167°, 22%, 86%
XYZ	53.2942, 63.7631, 69.1731
YIQ	203.0950, -25.6730, -13.8090

# Conversions

## Conversions Part 2

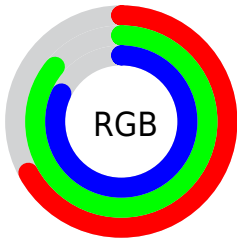
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 198, 219
Decimal	11197392
CIELab	83.84, -18.05, 0.21
CIELCh	84, 18.052, 179.333
Yxy	63.7631, 0.2862, 0.3424
Android (android.graphics.Color)	4289387472 (0xFFAADB0)
YUV	203.0950, 2.4182, -29.0243
Hunter-Lab	79.8518, -20.6073, 4.5352

# Details

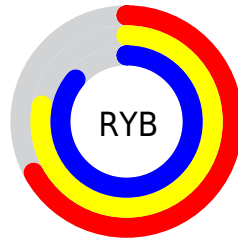
The Hex color **AADBDO** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DBAAB5**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E2FFFF**, and **75A49A** is the 20% darker color. If you saturate the color by 10%, you get **94DBCB**, and if you desaturate by 10%, it is **C0DBD5**.

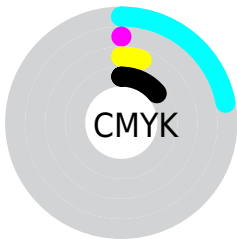
# Distribution



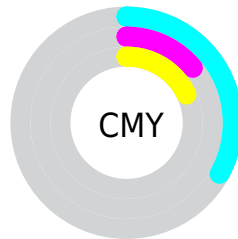
- Red (67%)
- Green (86%)
- Blue (82%)



- Red (67%)
- Yellow (78%)
- Blue (86%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (33%)
- Magenta (14%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AADBBD0 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 AADBBD0 by changing the saturation by 10% instead.



 AADBDO

 AADBDO

FFFFFF

 8FBFB4

 E2FFFF

 75A49A

 5B8A80

 427067

 2A574F

 104038

 002A23

 00160D

 000000

 AADBDO

 AADBDO

 94DBC B

 C0DBD5

 7EDBC6

 D6DBDA

 68DBC1

 ECDBDF

 52DBBC

 FFDBE4

 3DDBB7

 FFDBE9

 27DBB3

 FFDBED

 11DBAE

 FFDBF2

 00DBAA

 FFDBF7

 FFDBFC

# Harmonies

## Analogous

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



B9D9BF



AADBDO



A5DAE1

# Triad

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



AADBDO



D4CDEF



EECAB4

# Complementary

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



AADB00



DBAAB5

# 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.



F5C6C1



AADB D0



E7C8E3

# Square

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



AADBDO



BED3F3



F3C5D2



DFD0AF

# Rectangle

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



AADBDO



A8D9EA



F3C5D2



F1C9B8



# Sweetspot

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



AADBDO



EDFFFB



B5DBAA



75807D



000000



808080

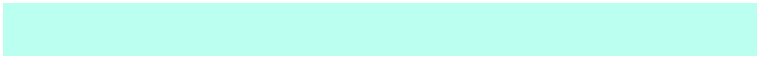


# Same Dimension

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



AADBDO



BAFFF0



AACEDB



636E6B



00AD86



002E24



# Inverse Universe

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



DBAAB5



FFBACA



DBB7AA



6E6365



AD0027

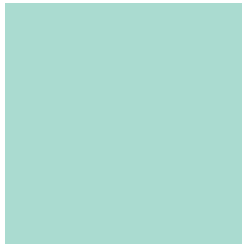


2E000A



# Previews

## White Background



This preview shows how the Hex color AADBD0 looks on a white background.

## Color Contrast Check

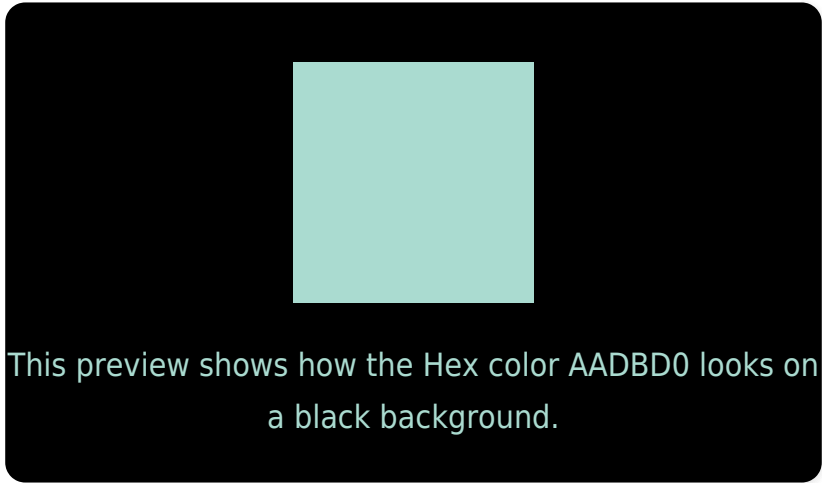
Large Text (above 18pt) WCAG AA × Fail

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

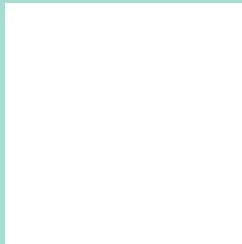
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AADB00 Background



This preview shows how black text looks on a background with the Hex color AADB00.

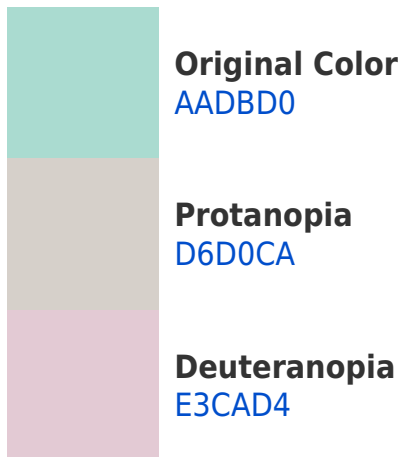


This preview shows how white text looks on a background with the Hex color AADB00.

# 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](#).

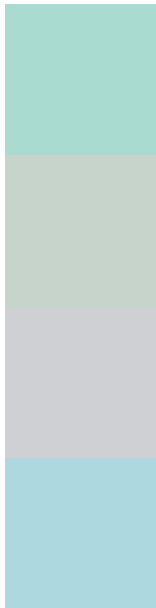
## Dichromacy





**Tritanopia**  
AFD7E9

# Trichromacy



**Original Color**  
AADBDO

**Protanomaly**  
C6D4CC

**Deuteranomaly**  
CED0D3

**Tritanomaly**  
ADD8E0

# Monochromacy



**Original Color**  
AADBDO

**Achromatopsia**  
CBCBCB

**Achromatomaly**  
BFD1CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AADBBD0 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 #AADBBD0 looks like.

```
.text, #text, p{  
    color:#AADBBD0  
}
```

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 #AADB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AADB00  
}
```

## Border

The CSS property to change the border of an element to Hex AADB00 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  
#AADB00 }
```

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

```
.border{ border-color:#AADB00 }
```

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

Here you see how a box with a 4 pixel #AADB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AADB00; -webkit-box-shadow:4px 4px  
4px 4px #AADB00; box-shadow:4px 4px 4px  
4px #AADB00 }
```

# Background

The CSS property to change the background color of an element to Hex AADB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AADB00 }
```

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

```
.background{ background-color:#AADB00 }
```

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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