

# Converting Colors

Hex(AAD5E8)

Have a look what the booklet for  
Hex(AAD5E8) contains.

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# **Color**

**Hex(AAD5E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAD5E8
RGB	170, 213, 232
RGB Percent	67%, 84%, 91%
CMY	0.3333, 0.1647, 0.0902
CMYK	0.27, 0.08, 0.00, 0.09
HSL	198°, 57%, 79%
HSV	198°, 27%, 91%
XYZ	54.9373, 61.9607, 85.4080
YIQ	202.3090, -31.7270, -3.2070

# Conversions

## Conversions Part 2

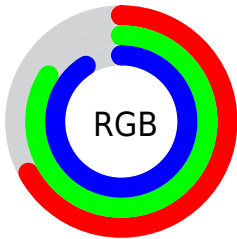
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	170, 195, 232
Decimal	11195880
CIE Lab	82.89, -9.76, -13.94
CIE LCh	83, 17.023, 235.003
Yxy	61.9607, 0.2716, 0.3063
Android (android.graphics.Color)	4289385960 (0xFFAAD5E8)
YUV	202.3090, 14.6377, -28.3350
Hunter-Lab	78.7151, -13.1718, -9.2306

# Details

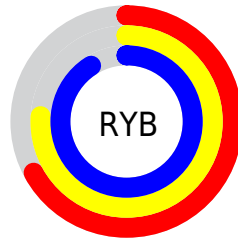
The Hex color **AAD5E8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E8BDAA**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E2FFFF**, and **749EB0** is the 20% darker color. If you saturate the color by 10%, you get **93CEE8**, and if you desaturate by 10%, it is **C1DCE8**.

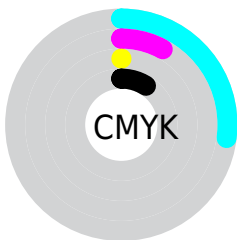
# Distribution



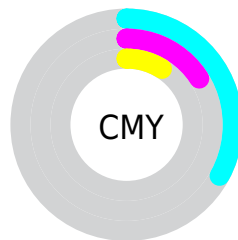
- Red (67%)
- Green (84%)
- Blue (91%)



- Red (67%)
- Yellow (76%)
- Blue (91%)



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color AAD5E8 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 AAD5E8 by changing the saturation by 10% instead.



 AAD5E8

 AAD5E8

FFFFFF

 8FB9CC

 E2FFFF

 749EB0

 5A8496

 416B7C

 275363

 0A3C4B

 002634

 00121F

 000004

 AAD5E8

 AAD5E8

 93CEE8

 C1DCE8

 7CC7E8

 D8E3E8

 64C0E8

 F0EAE8

 4DB9E8

 FFF1E8

 36B1E8

 FFF9E8

 1FAAE8

 FFFF8E8

 08A3E8

 00A1E8

# Harmonies

## Analogous

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



A5D7DB



AAD5E8



BAD1EE

# Triad

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



AAD5E8



EDC4D2



CDD2B1

# Complementary

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



AAD5E8



E8BDAA

# 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.



DECCAF



AAD5E8



F0C4C2

# Square

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



AAD5E8



E1C6E1



EBC7B5



BAD6BC

# Rectangle

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



AAD5E8



C7CEDD



EBC7B5



D3D0B0



# Sweetspot

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



AAD5E8



EBF9FF



AAE8BD



737C80



000000



808080

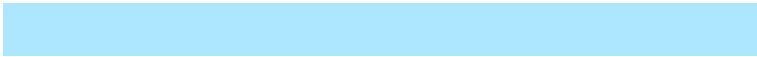


# Same Dimension

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



AAD5E8



ADE6FF



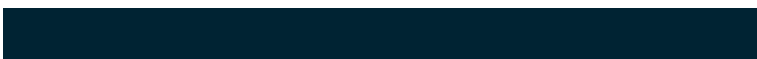
AAB6E8



676F73



007CB3



002333



# Inverse Universe

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



E8AAD5



FFADE6



E8DCAA



73676F



B3007C

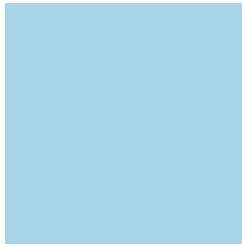


330023



# Previews

## White Background



This preview shows how the Hex color AAD5E8 looks on a white background.

## Color Contrast Check

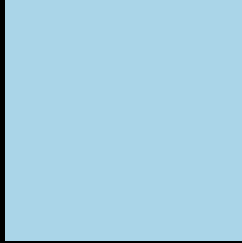
Large Text (above 18pt) WCAG AA × Fail

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 AAD5E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

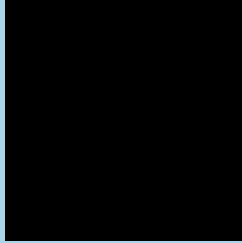
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAD5E8 Background



This preview shows how black text looks on a background with the Hex color AAD5E8.

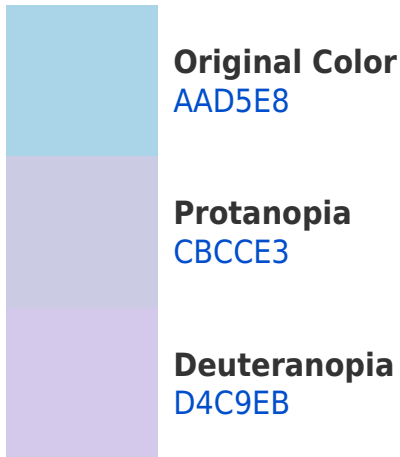


This preview shows how white text looks on a background with the Hex color AAD5E8.

# 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](#).

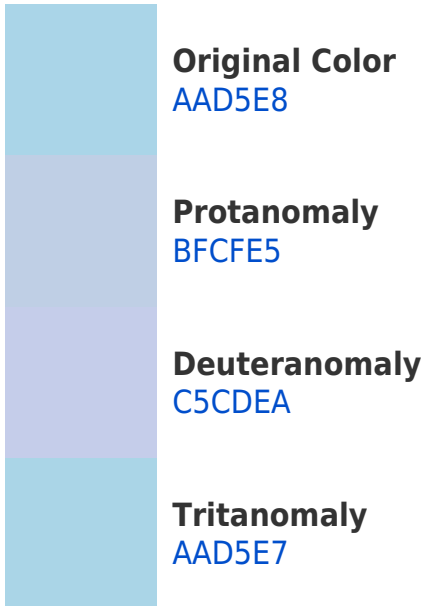
## Dichromacy



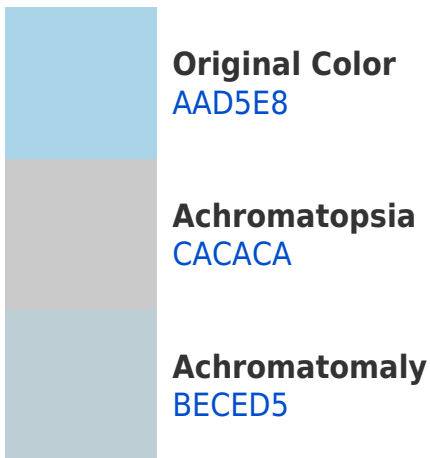


**Tritanopia**  
AAD5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAD5E8 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 #AAD5E8 looks like.

```
.text, #text, p{  
    color:#AAD5E8  
}
```

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 #AAD5E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAD5E8
}
```

## Border

The CSS property to change the border of an element to Hex AAD5E8 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
#AAD5E8 }
```

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

```
.border{ border-color:#AAD5E8 }
```

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

Here you see how a box with a 4 pixel #AAD5E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAD5E8; -webkit-box-shadow:4px 4px  
4px 4px #AAD5E8; box-shadow:4px 4px 4px  
4px #AAD5E8 }
```

# Background

The CSS property to change the background color of an element to Hex AAD5E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAD5E8 }
```

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

```
.background{ background-color:#AAD5E8 }
```

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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