

# Converting Colors

Hex(A4DBEE)

Have a look what the booklet for  
Hex(A4DBEE) contains.

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# **Color**

**Hex(A4DBEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4DBEE
RGB	164, 219, 238
RGB Percent	64%, 86%, 93%
CMY	0.3569, 0.1412, 0.0667
CMYK	0.31, 0.08, 0.00, 0.07
HSL	195°, 69%, 79%
HSV	195°, 31%, 93%
XYZ	56.0740, 64.7286, 90.4274
YIQ	204.7210, -38.8790, -5.7510

# Conversions

## Conversions Part 2

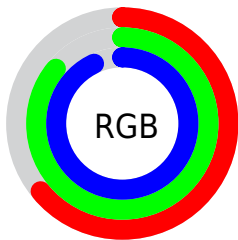
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">164, 196, 238</a>
Decimal	<a href="#">10804206</a>
<a href="#">CIELab</a>	<a href="#">84.34, -13.16, -14.99</a>
<a href="#">CIELCh</a>	<a href="#">84, 19.948, 228.704</a>
<a href="#">Yxy</a>	<a href="#">64.7286, 0.2655, 0.3064</a>
Android (android.graphics.Color)	<a href="#">4288994286</a> ( <a href="#">0xFFA4DBEE</a> )
<a href="#">YUV</a>	<a href="#">204.7210, 16.4065, -35.7123</a>
<a href="#">Hunter-Lab</a>	<a href="#">80.4541, -16.3857, -10.3219</a>

# Details

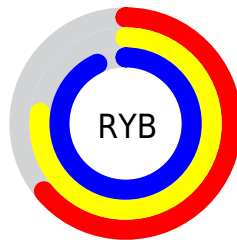
The Hex color **A4DBEE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EEB7A4**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **DDFFFF**, and **6EA4B6** is the 20% darker color. If you saturate the color by 10%, you get **8CD5EE**, and if you desaturate by 10%, it is **BCE1EE**.

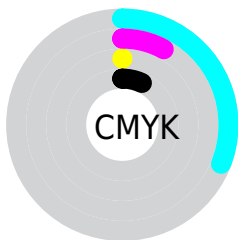
# Distribution



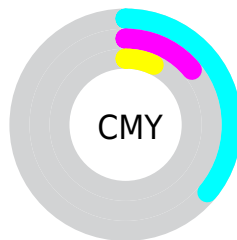
- Red (64%)
- Green (86%)
- Blue (93%)



- Red (64%)
- Yellow (77%)
- Blue (93%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (14%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4DBEE 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 A4DBEE by changing the saturation by 10% instead.



 A4DBEE

 A4DBEE

FFFFFF

 89BFD2

 DDFFFF

 6EA4B6

 FAFFFF

 538A9B

 387081

 1C5868

 004050

 002A39

 001723

 00010D

 A4DBEE

 A4DBEE

 8CD5EE

 BCE1EE

 74CFEE

 D4E7EE

 5DC9EE

 EBEDEE

 45C3EE

 FFF3EE

 2DBCCE

 FFFAEE

 15B6EE

 FFFFEE

 00B1EE

# Harmonies

## Analogous

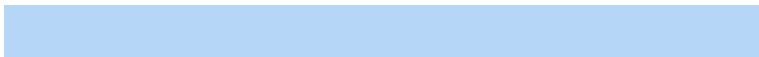
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A1DDDE



A4DBEE



B5D6F7

# Triad

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



A4DBEE



F4C6DA



D5D5AF

# Complementary

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



A4DBEE



EEB7A4

# 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.



E8CFAE



A4DBEE



FAC6C7

# Square

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



A4DBEE



E4CAEB



F6C9B7



BFDAB9

# Rectangle

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



A4DBEE



C4D2F7



F6C9B7



DCD3AD

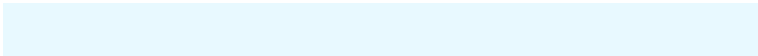


# Sweetspot

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



A4DBEE



E8F9FF



A4EEB7



717C80



000000



808080

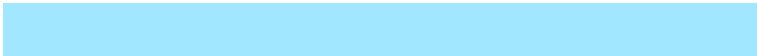


# Same Dimension

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



A4DBEE



A1E7FF



A4B7EE



6C7578



0088B8



002A38



# Inverse Universe

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



EEA4DB



FFA1E7



EEDBA4



786C75



B80088

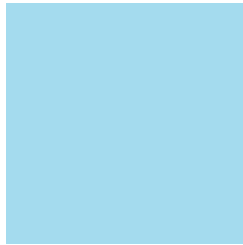


38002A



# Previews

## White Background



This preview shows how the Hex color A4DBEE looks on a white background.

## Color Contrast Check

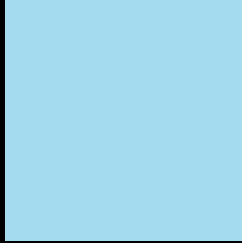
Large Text (above 18pt) WCAG AA × Fail

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 A4DBEE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

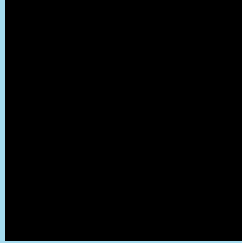
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A4DBEE Background



This preview shows how black text looks on a background with the Hex color A4DBEE.

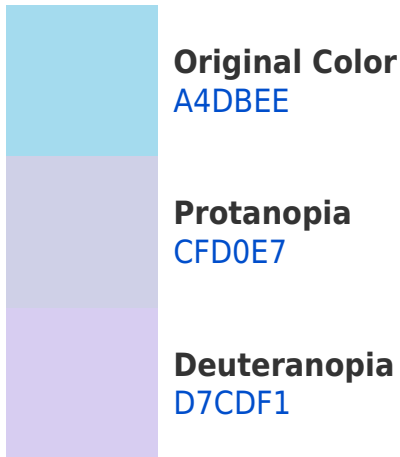


This preview shows how white text looks on a background with the Hex color A4DBEE.

# 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



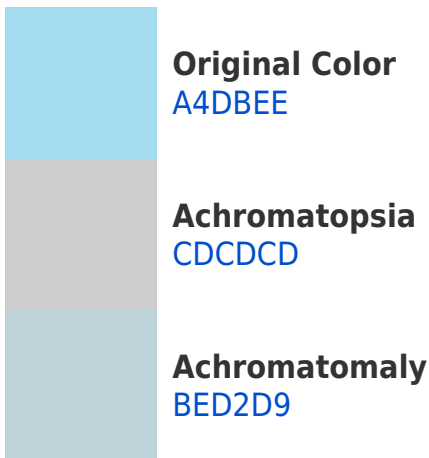


**Tritanopia**  
A4DBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4DBEE 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 #A4DBEE looks like.

```
.text, #text, p{  
    color:#A4DBEE  
}
```

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 #A4DBEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4DBEE }  
}
```

## Border

The CSS property to change the border of an element to Hex A4DBEE 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 #A4DBEE }  
}
```

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

```
.border{ border-color:#A4DBEE }
```

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

Here you see how a box with a 4 pixel #A4DBEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4DBEE; -webkit-box-shadow:4px 4px  
4px 4px #A4DBEE; box-shadow:4px 4px 4px  
4px #A4DBEE }
```

# Background

The CSS property to change the background color of an element to Hex A4DBEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4DBEE }
```

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

```
.background{ background-color:#A4DBEE }
```

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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