

# Converting Colors

Hex(A4CCEB)

Have a look what the booklet for  
Hex(A4CCEB) contains.

<b>Hex(A4CCEB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(A4CCEB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A4CCEB
RGB	164, 204, 235
RGB Percent	64%, 80%, 92%
CMY	0.3569, 0.2000, 0.0784
CMYK	0.30, 0.13, 0.00, 0.08
HSL	206°, 64%, 78%
HSV	206°, 30%, 92%
XYZ	51.8981, 57.0764, 86.8788
YIQ	195.5740, -33.7910, 1.1610

# Conversions

## Conversions Part 2

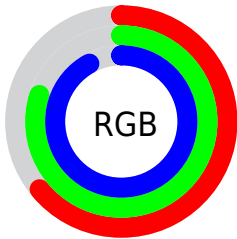
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 190, 235
Decimal	10800363
CIELab	80.22, -6.08, -19.60
CIELCh	80, 20.522, 252.764
Yxy	57.0764, 0.2650, 0.2914
Android (android.graphics.Color)	4288990443 (0xFFA4CCEB)
YUV	195.5740, 19.4370, -27.6904
Hunter-Lab	75.5489, -9.5906, -15.2973

# Details

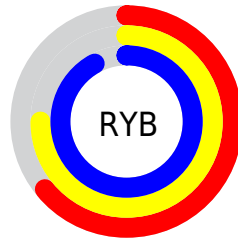
The Hex color **A4CCEB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EBC3A4**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **DCFFFF**, and **6E96B3** is the 20% darker color. If you saturate the color by 10%, you get **8DC2EB**, and if you desaturate by 10%, it is **BCD6EB**.

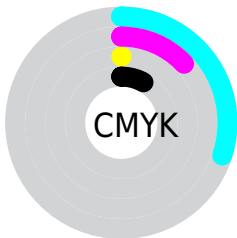
# Distribution



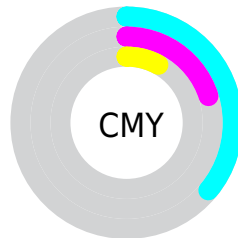
- Red (64%)
- Green (80%)
- Blue (92%)



- Red (64%)
- Yellow (75%)
- Blue (92%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (36%)
- Magenta (20%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4CCEB 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 A4CCEB by changing the saturation by 10% instead.



 A4CCEB

 A4CCEB

FFFFFF

 89B1CF

 DCFFFF

 6E96B3

 F9FFFF

 547C98

 3A637E

 1F4B65

 00354D

 002036

 000421

 000007

 A4CCEB

 A4CCEB

 8DC2EB

 BCD6EB

 75B7EB

 D3E1EB

 5EADEB

 EBEBEB

 46A3EB

 FFF5EB

 2F99EB

 FFFFEB

 178EEB

 0084EB

# Harmonies

## Analogous

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



95D0E0



A4CCEB



BCC6EC

# Triad

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



A4CCEB



EFBABF



B8CEAA

# Complementary

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



A4CCEB



EBC3A4

# 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.



CDC8A2



A4CCEB



ECBCAE

# Square

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



A4CCEB



E7BBD3



E0C2A3



A3D1BB

# Rectangle

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



A4CCEB



CDC1E7



E0C2A3



BFCCA7

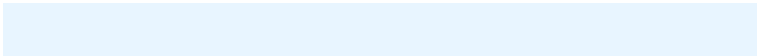


# Sweetspot

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



A4CCEB



E8F5FF



A4EBC3



717980



000000



808080

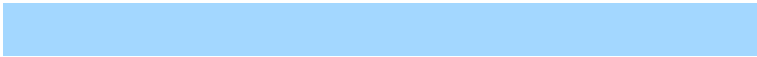


# Same Dimension

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



A4CCEB



A3D7FF



A4A9EB



6A7075



0066B5



001E36



# Inverse Universe

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



EBA4CC



FFA3D7



EBE6A4



756A70



B50066

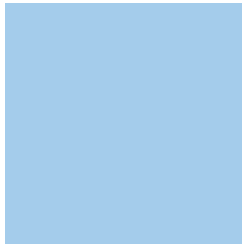


36001E



# Previews

## White Background



This preview shows how the Hex color A4CCEB looks on a white background.

## Color Contrast Check

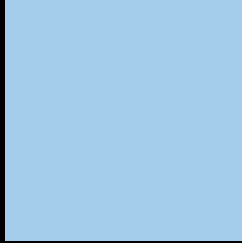
Large Text (above 18pt) WCAG AA × Fail

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 A4CCEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

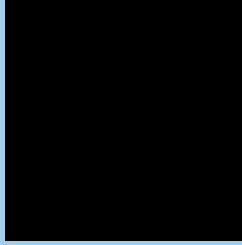
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

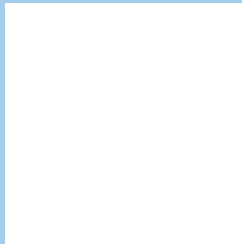
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4CCEB Background



This preview shows how black text looks on a background with the Hex color A4CCEB.

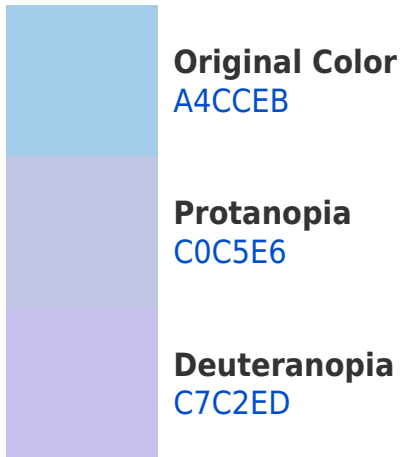


This preview shows how white text looks on a background with the Hex color A4CCEB.

# Color Blindness Simulation

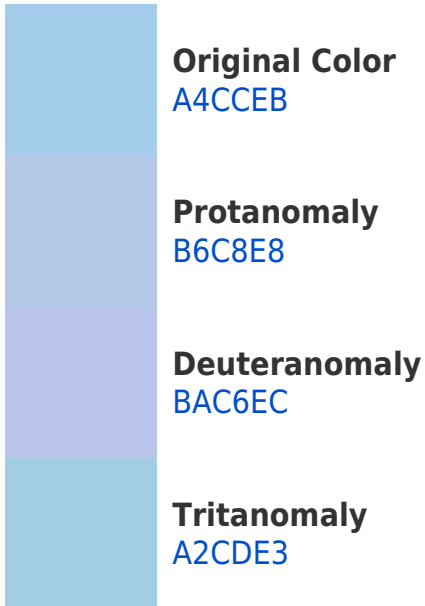
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

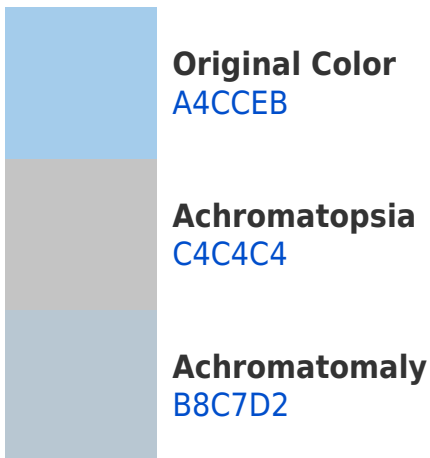




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4CCEB 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 #A4CCEB looks like.

```
.text, #text, p{  
    color:#A4CCEB  
}
```

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 #A4CCEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4CCEB
}
```

## Border

The CSS property to change the border of an element to Hex A4CCEB 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
#A4CCEB }
```

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

```
.border{ border-color:#A4CCEB }
```

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

Here you see how a box with a 4 pixel #A4CCEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4CCEB; -webkit-box-shadow:4px 4px  
4px 4px #A4CCEB; box-shadow:4px 4px 4px  
4px #A4CCEB }
```

# Background

The CSS property to change the background color of an element to Hex A4CCEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4CCEB }
```

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

```
.background{ background-color:#A4CCEB }
```

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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