

# Converting Colors

Hex(A4C1E0)

Have a look what the booklet for  
Hex(A4C1E0) contains.

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# **Color**

**Hex(A4C1E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4C1E0
RGB	164, 193, 224
RGB Percent	64%, 76%, 88%
CMY	0.3569, 0.2431, 0.1216
CMYK	0.27, 0.14, 0.00, 0.12
HSL	211°, 49%, 76%
HSV	211°, 27%, 88%
XYZ	47.8344, 51.4143, 77.9238
YIQ	187.8630, -27.2350, 3.4930

# Conversions

## Conversions Part 2

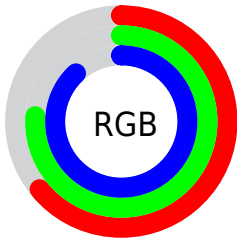
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 184, 224
Decimal	10797536
CIELab	76.93, -2.84, -18.67
CIELCh	77, 18.888, 261.341
Yxy	51.4143, 0.2700, 0.2902
Android (android.graphics.Color)	4288987616 (0xFFA4C1E0)
YUV	187.8630, 17.8155, -20.9279
Hunter-Lab	71.7037, -6.4022, -14.2406

# Details

The Hex color **A4C1E0** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E0C3A4**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **DCF9FF**, and **6F8CA9** is the 20% darker color. If you saturate the color by 10%, you get **8EB5E0**, and if you desaturate by 10%, it is **BACDE0**.

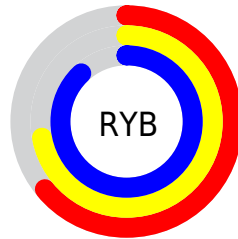
# Distribution



Red (64%)

Green (76%)

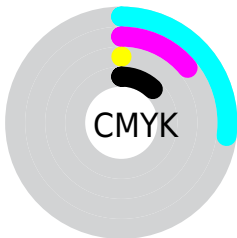
Blue (88%)



Red (64%)

Yellow (72%)

Blue (88%)

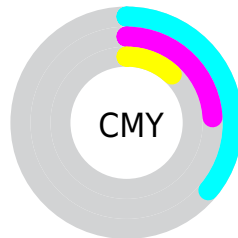


Cyan (27%)

Magenta (14%)

Yellow (0%)

Black (12%)



Cyan (36%)

Magenta (24%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4C1E0 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 A4C1E0 by changing the saturation by 10% instead.



 A4C1E0

 A4C1E0

FFFFFF

 89A6C4

 DCF9FF

 6F8CA9

 F9FFFF

 55728E

 3C5A75

 23425C

 072C44

 00182E

 000119

 000000

 A4C1E0

 A4C1E0

 8EB5E0

 BACDE0

 77AAE0

 D1D8E0

 619EE0

 E7E4E0

 4A93E0

 FEEFE0

 3487E0

 FFFBE0

 1E7CE0

 FFFFEO

 0770E0

 006CE0

# Harmonies

## Analogous

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



93C6D9



A4C1E0



BBBBDE

# Triad

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



A4C1E0



E3B2B2



AAC5A8

# Complementary

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



A4C1E0



E0C3A4

# 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.



BEC19D



A4C1E0



DEB6A3

# Square

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



A4C1E0



DEB2C4



D1BB9C



99C8B8

# Rectangle

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



A4C1E0



C9B7D8



D1BB9C



B1C4A3

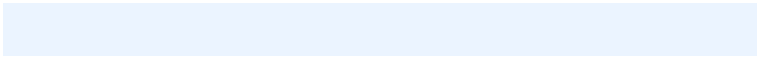


# Sweetspot

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



A4C1E0



EBF4FF



A4E0C3



737980



000000



808080

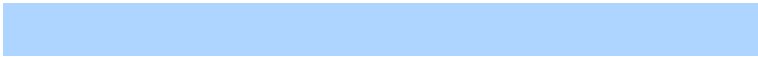


# Same Dimension

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



A4C1E0



ADD5FF



A5A4E0



656A70



0055B0



001730



# Inverse Universe

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



E0A4C1



FFADD5



DFE0A4



70656A



B00055

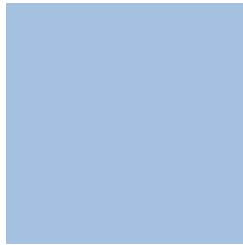


300017



# Previews

## White Background



This preview shows how the Hex color A4C1E0 looks on a white background.

## Color Contrast Check

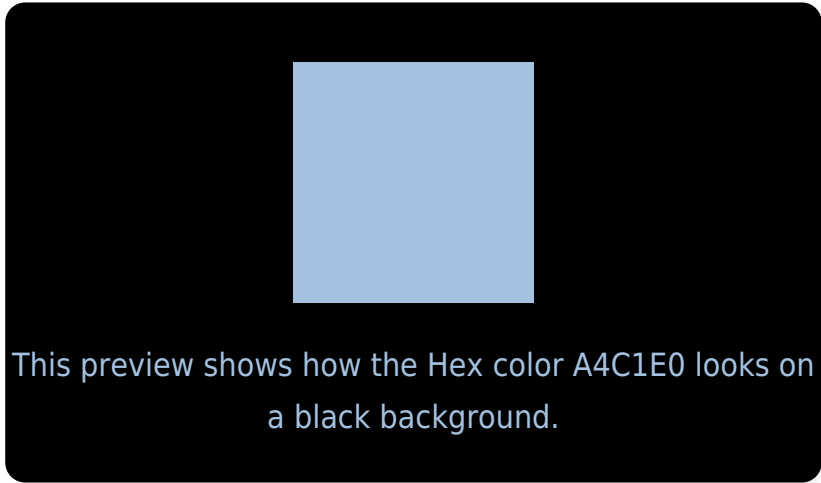
Large Text (above 18pt) WCAG AA × Fail

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

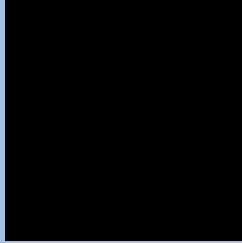
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

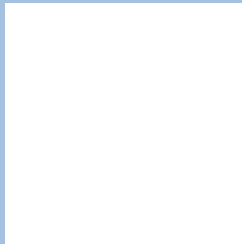
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A4C1E0 Background



This preview shows how black text looks on a background with the Hex color A4C1E0.

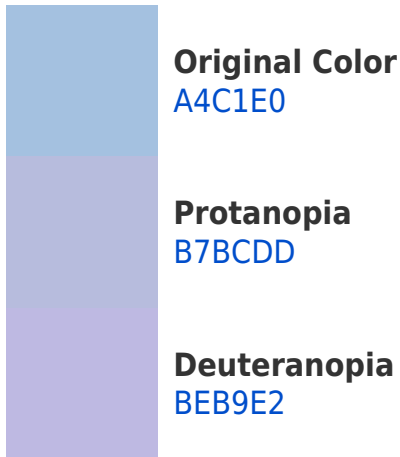


This preview shows how white text looks on a background with the Hex color A4C1E0.

# Color Blindness Simulation

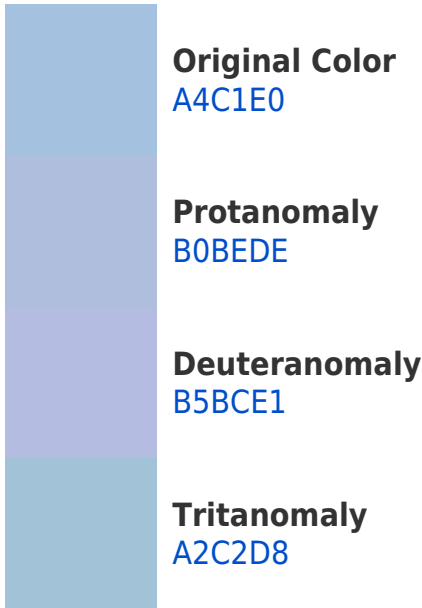
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

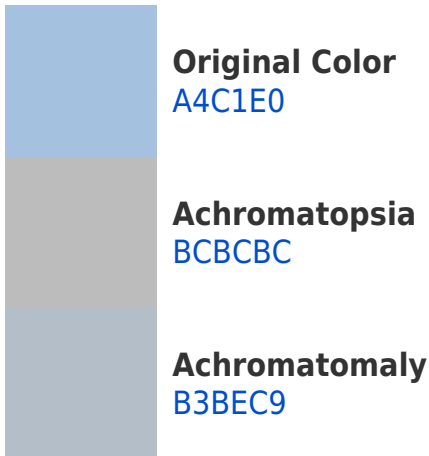




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4C1E0 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 #A4C1E0 looks like.

```
.text, #text, p{  
    color:#A4C1E0  
}
```

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 #A4C1E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4C1E0  
}
```

## Border

The CSS property to change the border of an element to Hex A4C1E0 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  
#A4C1E0 }
```

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

```
.border{ border-color:#A4C1E0 }
```

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

Here you see how a box with a 4 pixel #A4C1E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4C1E0; -webkit-box-shadow:4px 4px  
4px 4px #A4C1E0; box-shadow:4px 4px 4px  
4px #A4C1E0 }
```

# Background

The CSS property to change the background color of an element to Hex A4C1E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4C1E0 }
```

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

```
.background{ background-color:#A4C1E0 }
```

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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