

# Converting Colors

Hex(A4ACE2)

Have a look what the booklet for  
Hex(A4ACE2) contains.

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# **Color**

**Hex(A4ACE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4ACE2
RGB	164, 172, 226
RGB Percent	64%, 67%, 89%
CMY	0.3569, 0.3255, 0.1137
CMYK	0.27, 0.24, 0.00, 0.11
HSL	232°, 52%, 76%
HSV	232°, 27%, 89%
XYZ	43.7898, 42.8885, 77.9219
YIQ	175.7640, -22.1020, 15.0980

# Conversions

## Conversions Part 2

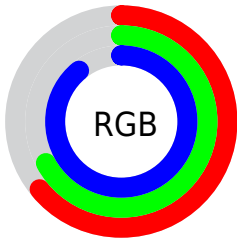
Format	Color
<a href="#">RYB</a>	<a href="#">164, 171, 226</a>
Decimal	<a href="#">10792162</a>
CIELab	<a href="#">71.48, 9.11, -28.07</a>
CIELCh	<a href="#">71, 29.508, 287.976</a>
Yxy	<a href="#">42.8885, 0.2660, 0.2606</a>
Android (android.graphics.Color)	<a href="#">4288982242 (0xFFA4ACE2)</a>
YUV	<a href="#">175.7640, 24.7663, -10.3170</a>
Hunter-Lab	<a href="#">65.4893, 4.7487, -24.7031</a>

# Details

The Hex color **A4ACE2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E2DAA4**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **DCE3FF**, and **6F78AA** is the 20% darker color. If you saturate the color by 10%, you get **8D98E2**, and if you desaturate by 10%, it is **BBC0E2**.

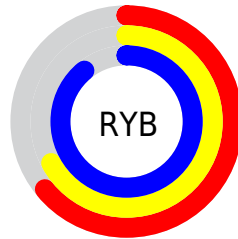
# Distribution



Red (64%)

Green (67%)

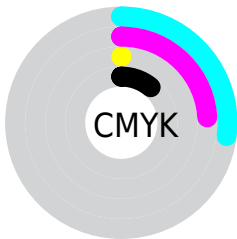
Blue (89%)



Red (64%)

Yellow (67%)

Blue (89%)

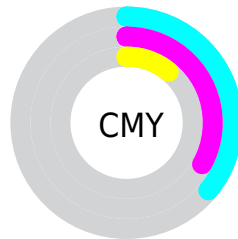


Cyan (27%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (36%)

Magenta (33%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4ACE2 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 A4ACE2 by changing the saturation by 10% instead.



 A4ACE2

 A4ACE2

FFFFFF

 8992C6

 DCE3FF

 6F78AA

 F9FFFF

 555F90

 3C4876

 23315D

 051D45

 00022F

 000119

 000000

 A4ACE2

 A4ACE2

 8D98E2

 BBC0E2

 7785E2

 D1D3E2

 6071E2

 E8E7E2

 4A5DE2

 FEFBE2

 334AE2

 FFFFE2

 1C36E2

 0622E2

 001DE2

# Harmonies

## Analogous

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



7DB5E3



A4ACE2



C7A3D3

# Triad

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



A4ACE2



DFA188



74BDA3

# Complementary

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



A4ACE2



E2DAA4

# 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.



93B98A



A4ACE2



CAA7B

# Square

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



A4ACE2



E59CA0



B2B27B



5DBEBF

# Rectangle

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



A4ACE2



D79EC4



B2B27B



7EBC9A



# Sweetspot

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



A4ACE2



EBEDFF



A4E2DA



737480



000000



808080



# Same Dimension

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



A4ACE2



ABB6FF



BBA4E2



656670



0017B0



000630



# Inverse Universe

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



E2A4AC



FFABB6



CBE2A4



706566



B00017

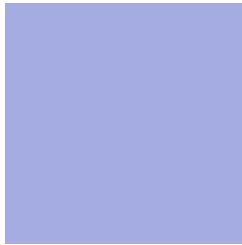


300006



# Previews

## White Background



This preview shows how the Hex color A4ACE2 looks on a white background.

## Color Contrast Check

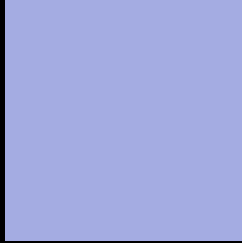
Large Text (above 18pt) WCAG AA × Fail

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 A4ACE2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

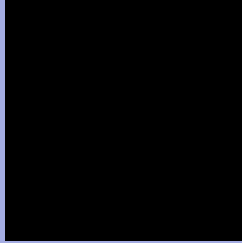
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A4ACE2 Background



This preview shows how black text looks on a background with the Hex color A4ACE2.



This preview shows how white text looks on a background with the Hex color A4ACE2.

# 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



**Original Color**  
A4ACE2

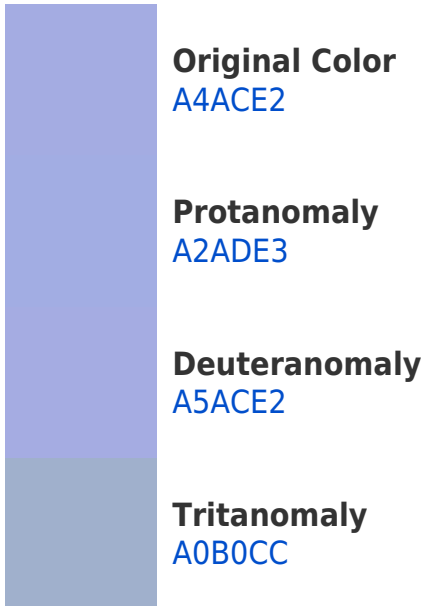
**Protanopia**  
A1ADE3

**Deuteranopia**  
A5ACE2

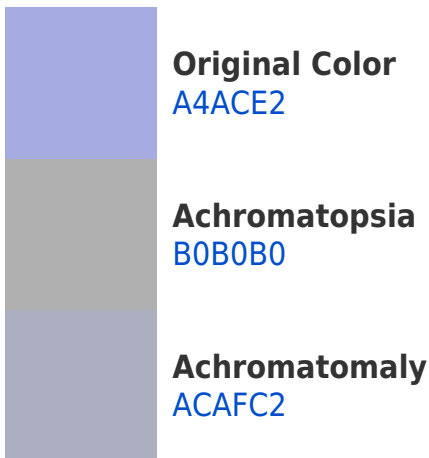


**Tritanopia**  
9DB2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4ACE2 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 #A4ACE2 looks like.

```
.text, #text, p{  
    color:#A4ACE2  
}
```

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 #A4ACE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4ACE2
}
```

## Border

The CSS property to change the border of an element to Hex A4ACE2 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
#A4ACE2 }
```

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

```
.border{ border-color:#A4ACE2 }
```

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

Here you see how a box with a 4 pixel #A4ACE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4ACE2; -webkit-box-shadow:4px 4px  
4px 4px #A4ACE2; box-shadow:4px 4px 4px  
4px #A4ACE2 }
```

# Background

The CSS property to change the background color of an element to Hex A4ACE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4ACE2 }
```

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

```
.background{ background-color:#A4ACE2 }
```

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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