

# Converting Colors

Hex(A3C2EC)

Have a look what the booklet for  
Hex(A3C2EC) contains.

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# **Color**

**Hex(A3C2EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3C2EC
RGB	163, 194, 236
RGB Percent	64%, 76%, 93%
CMY	0.3608, 0.2392, 0.0745
CMYK	0.31, 0.18, 0.00, 0.07
HSL	215°, 66%, 78%
HSV	215°, 31%, 93%
XYZ	49.5364, 52.4262, 86.8653
YIQ	189.5190, -31.9580, 6.4900

# Conversions

## Conversions Part 2

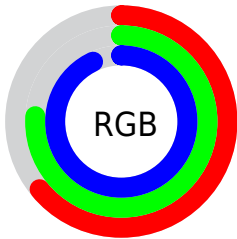
Format	Color
<a href="#">RYB</a>	<a href="#">163, 185, 236</a>
Decimal	<a href="#">10732268</a>
CIELab	<a href="#">77.54, -0.79, -24.22</a>
CIElCh	<a href="#">78, 24.238, 268.127</a>
Yxy	<a href="#">52.4262, 0.2623, 0.2776</a>
Android (android.graphics.Color)	<a href="#">4288922348</a> ( <a href="#">0xFFA3C2EC</a> )
YUV	<a href="#">189.5190, 22.9151, -23.2572</a>
Hunter-Lab	<a href="#">72.4060, -4.5901, -20.4459</a>

# Details

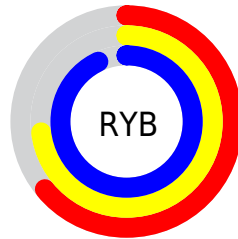
The Hex color **A3C2EC** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **ECCDA3**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **DBFAFF**, and **6D8DB4** is the 20% darker color. If you saturate the color by 10%, you get **8BB4EC**, and if you desaturate by 10%, it is **BBD0EC**.

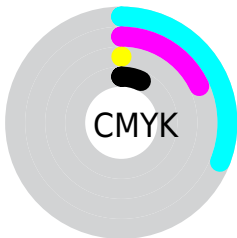
# Distribution



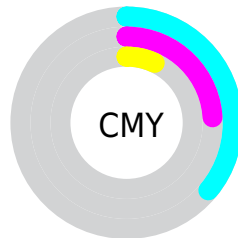
- Red (64%)
- Green (76%)
- Blue (93%)



- Red (64%)
- Yellow (73%)
- Blue (93%)



- Cyan (31%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (24%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3C2EC 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 A3C2EC by changing the saturation by 10% instead.



 A3C2EC

 A3C2EC

FFFFFF

 88A7D0

 DBFAFF

 6D8DB4

 F8FFFF

 537399

 395B7F

 1E4366

 002D4E

 001937

 000221

 000007

 A3C2EC

 A3C2EC

 8BB4EC

 BBD0EC

 74A7EC

 D2DDEC

 5C99EC

 EAEBEC

 458CEC

 FFF8EC

 2D7EEC

 FFFFEC

 1571EC

 0064EC

# Harmonies

## Analogous

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



89C8E5



A3C2EC



C2BAE7

# Triad

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



A3C2EC



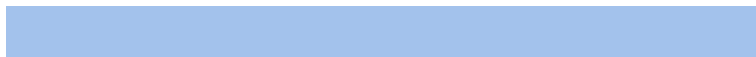
EEB1AB



A0CAA7

# Complementary

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



A3C2EC



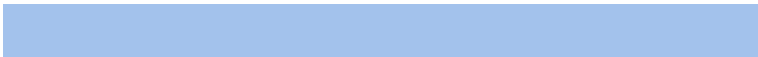
ECCDA3

# 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.



BAC598



A3C2EC



E4B69A

# Square

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



A3C2EC



EBB0C2



D2BE93



8ACCB D

# Rectangle

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



A3C2EC



D4B5DE



D2BE93



A9C8A1

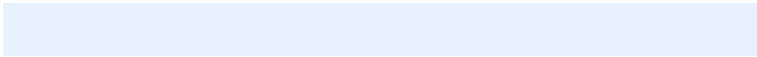


# Sweetspot

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



A3C2EC



E8F2FF



A3ECCC



717780



000000



808080



# Same Dimension

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



A3C2EC



A1C9FF



A8A3EC



6A6F75



004DB5



001736



# Inverse Universe

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



ECA3C2



FFA1C9



E7ECA3



756A6F



B5004D

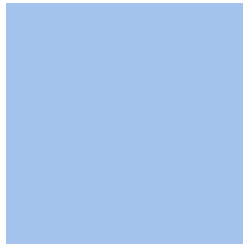


360017



# Previews

## White Background



This preview shows how the Hex color A3C2EC looks on a white background.

## Color Contrast Check

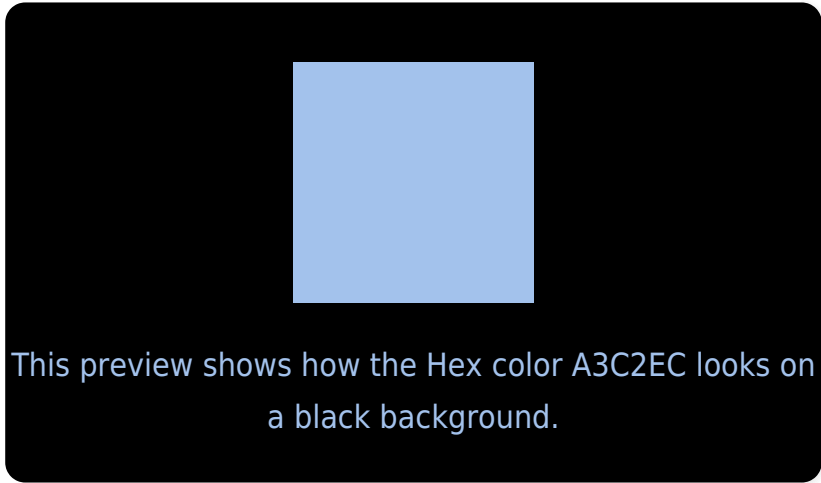
Large Text (above 18pt) WCAG AA × Fail

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

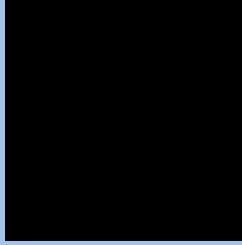
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

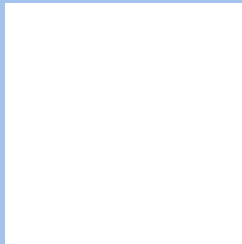
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3C2EC Background



This preview shows how black text looks on a background with the Hex color A3C2EC.

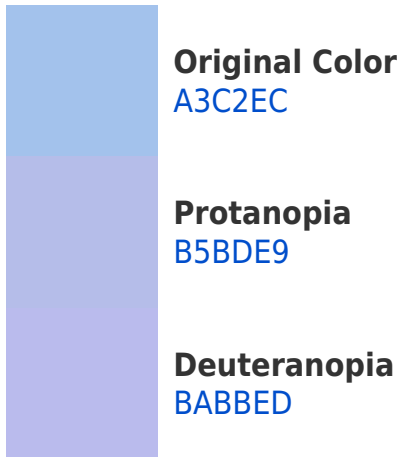


This preview shows how white text looks on a background with the Hex color A3C2EC.

# 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](#).

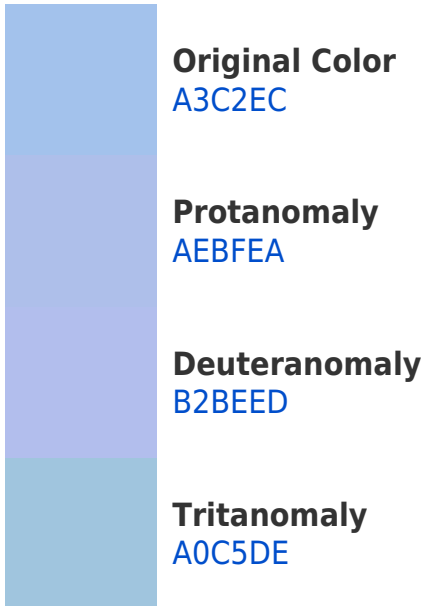
## Dichromacy





**Tritanopia**  
9EC6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3C2EC 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 #A3C2EC looks like.

```
.text, #text, p{  
    color:#A3C2EC  
}
```

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 #A3C2EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3C2EC  
}
```

## Border

The CSS property to change the border of an element to Hex A3C2EC 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  
#A3C2EC }
```

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

```
.border{ border-color:#A3C2EC }
```

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

Here you see how a box with a 4 pixel #A3C2EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3C2EC; -webkit-box-shadow:4px 4px  
4px 4px #A3C2EC; box-shadow:4px 4px 4px  
4px #A3C2EC }
```

# Background

The CSS property to change the background color of an element to Hex A3C2EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3C2EC }
```

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

```
.background{ background-color:#A3C2EC }
```

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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