

Converting Colors

Hex(A3CDE9)

Have a look what the booklet for
Hex(A3CDE9) contains.

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Color

Hex(A3CDE9)

Conversions

Conversions Part 1

Format	Color
Hex	A3CDE9
RGB	163, 205, 233
RGB Percent	64%, 80%, 91%
CMY	0.3608, 0.1961, 0.0863
CMYK	0.30, 0.12, 0.00, 0.09
HSL	204°, 61%, 78%
HSV	204°, 30%, 91%
XYZ	51.6436, 57.3324, 85.4351
YIQ	195.6340, -34.0200, -0.1960

Conversions

Conversions Part 2

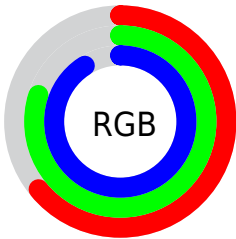
Format	Color
RYB	163, 189, 233
Decimal	10735081
CIELab	80.37, -7.37, -18.32
CIELCh	80, 19.746, 248.088
Yxy	57.3324, 0.2656, 0.2949
Android (android.graphics.Color)	4288925161 (0xFFA3CDE9)
YUV	195.6340, 18.4214, -28.6200
Hunter-Lab	75.7181, -10.7608, -13.8961

Details

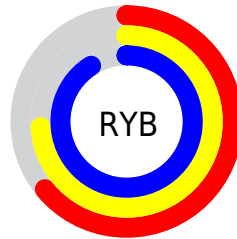
The Hex color **A3CDE9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9BFA3**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **DBFFFF**, and **6D97B1** is the 20% darker color. If you saturate the color by 10%, you get **8CC4E9**, and if you desaturate by 10%, it is **BAD6E9**.

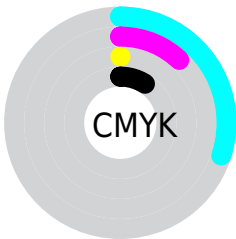
Distribution



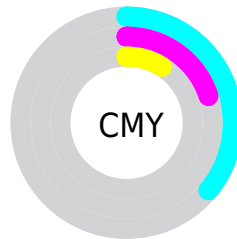
- Red (64%)
- Green (80%)
- Blue (91%)



- Red (64%)
- Yellow (74%)
- Blue (91%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (36%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3CDE9 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 A3CDE9 by changing the saturation by 10% instead.

 A3CDE9

 A3CDE9

FFFFFF

 88B2CD


 DBFFFF

 6D97B1

 F8FFFF

 537D97

 39647D

 1E4C64

 00364C

 002035

 000420

 000004

 A3CDE9

 A3CDE9

 8CC4E9

 BAD6E9

 74BAE9

 D2E0E9

 5DB1E9

 E9E9E9

 46A8E9

 FFF2E9

 2E9EE9

 FFFCE9

 1795E9

 FFFF E9

 008CE9

Harmonies

Analogous

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



97D1DD



A3CDE9



B9C7EC

Triad

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



A3CDE9



EDBBC3



BCCDAA

Complementary

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



A3CDE9



E9BFA3

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.



D1C8A3



A3CDE9



ECBDB1

Square

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



A3CDE9



E4BCD6



E2C2A6



A8D1B9

Rectangle

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



A3CDE9



C9C3E8



E2C2A6



C3CCA7

Sweetspot

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



A3CDE9



E8F6FF



A3E9BF



717A80



000000



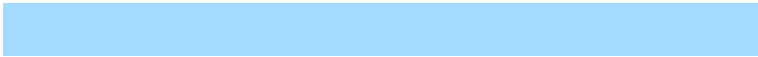
808080

Same Dimension

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



A3CDE9



A3DAFF



A3AAE9



6A7175



006DB5



002036

Inverse Universe

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



E9A3CD



FFA3DA



E9E2A3



756A71



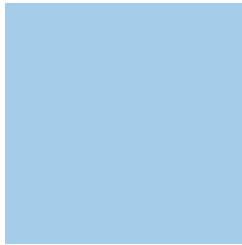
B5006D



360020

Previews

White Background



This preview shows how the Hex color A3CDE9 looks on a white background.

Color Contrast Check

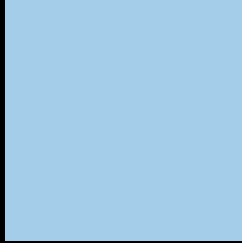
Large Text (above 18pt) WCAG AA × Fail

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 A3CDE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

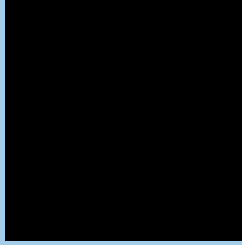
Any Text WCAG AA ✓ Pass

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 A3CDE9 Background



This preview shows how black text looks on a background with the Hex color A3CDE9.

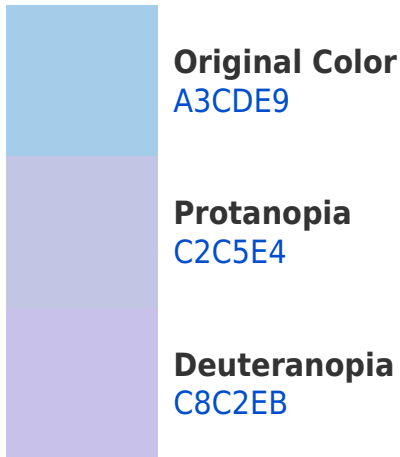


This preview shows how white text looks on a background with the Hex color A3CDE9.

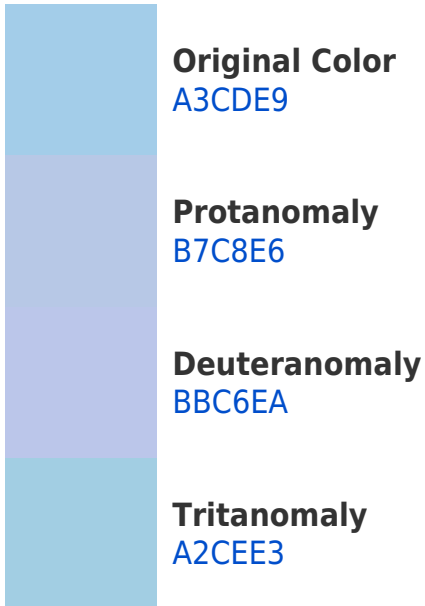
Color Blindness Simulation

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](#).

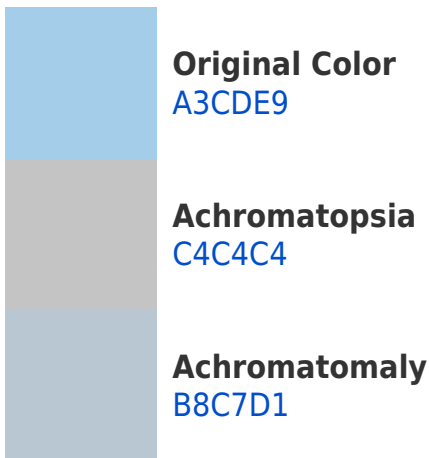
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3CDE9 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 #A3CDE9 looks like.

```
.text, #text, p{  
    color:#A3CDE9  
}
```

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 #A3CDE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3CDE9
}
```

Border

The CSS property to change the border of an element to Hex A3CDE9 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
#A3CDE9 }
```

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

```
.border{ border-color:#A3CDE9 }
```

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

Here you see how a box with a 4 pixel #A3CDE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3CDE9; -webkit-box-shadow:4px 4px  
4px 4px #A3CDE9; box-shadow:4px 4px 4px  
4px #A3CDE9 }
```

Background

The CSS property to change the background color of an element to Hex A3CDE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3CDE9 }
```

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

```
.background{ background-color:#A3CDE9 }
```

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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