

Converting Colors

Hex(A2C7E3)

Have a look what the booklet for
Hex(A2C7E3) contains.

Hex(A2C7E3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A2C7E3)

Conversions

Conversions Part 1

Format	Color
Hex	A2C7E3
RGB	162, 199, 227
RGB Percent	64%, 78%, 89%
CMY	0.3647, 0.2196, 0.1098
CMYK	0.29, 0.12, 0.00, 0.11
HSL	206°, 54%, 76%
HSV	206°, 29%, 89%
XYZ	49.1888, 54.0743, 80.5179
YIQ	191.1290, -31.0400, 0.8640

Conversions

Conversions Part 2

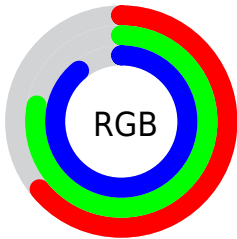
Format	Color
R_{YB}	162, 186, 227
Decimal	10668003
CIE _{Lab}	78.51, -5.92, -17.92
CIE _{LCh}	79, 18.871, 251.728
Yxy	54.0743, 0.2676, 0.2942
Android (android.graphics.Color)	4288858083 (0xFFA2C7E3)
YUV	191.1290, 17.6844, -25.5461
Hunter-Lab	73.5352, -9.2852, -13.4453

Details

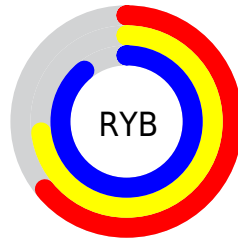
The Hex color **A2C7E3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E3BEA2**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **DAFFFF**, and **6D91AC** is the 20% darker color. If you saturate the color by 10%, you get **8BBDE3**, and if you desaturate by 10%, it is **B9D1E3**.

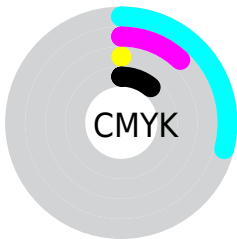
Distribution



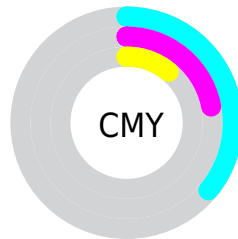
- Red (64%)
- Green (78%)
- Blue (89%)



- Red (64%)
- Yellow (73%)
- Blue (89%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (36%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2C7E3 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 A2C7E3 by changing the saturation by 10% instead.

 A2C7E3

 A2C7E3

FFFFFF

 87ACC7

 DAFFFF

 6D91AC

 F7FFFF

 537891

 395F77

 1F475F

 003147

 001C30

 00011C

 000000

 A2C7E3

 A2C7E3

 8BBDE3

 B9D1E3

 75B3E3


 CFDBE3

 5EAAE3

 E6E4E3

 47A0E3

 FDEEE3

 3196E3

 FFF8E3

 1A8CE3

 FFFF E3

 0383E3

 0081E3

Harmonies

Analogous

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



95CBD9



A2C7E3



B8C1E4

Triad

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



A2C7E3



E7B6BC



B5C8A8

Complementary

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



A2C7E3



E3BEA2

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.



C9C3A0



A2C7E3



E5B8AC

Square

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



A2C7E3



DFB7CE



DABDA1



A2CCB7

Rectangle

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



A2C7E3



C7BDE0



DABDA1



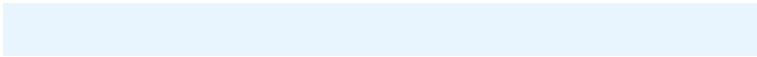
BCC7A4

Sweetspot

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



A2C7E3



E8F5FF



A2E3BD



717980



000000



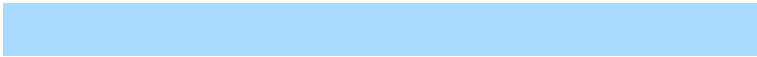
808080

Same Dimension

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



A2C7E3



A8DAFF



A2A7E3



676E73



0066B3



001D33

Inverse Universe

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



E3A2C7



FFA8DA



E3DEA2



73676E



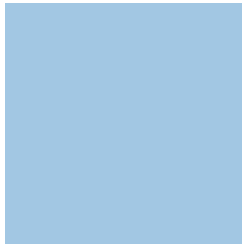
B30066



33001D

Previews

White Background



This preview shows how the Hex color A2C7E3 looks on a white background.

Color Contrast Check

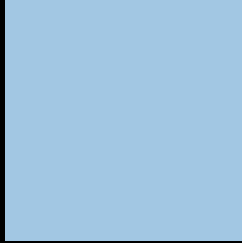
Large Text (above 18pt) WCAG AA × Fail

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 A2C7E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

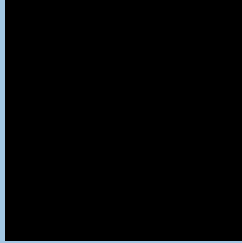
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

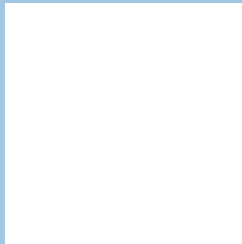
Any Text WCAG AAA ✓ Pass

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

Hex A2C7E3 Background



This preview shows how black text looks on a background with the Hex color A2C7E3.

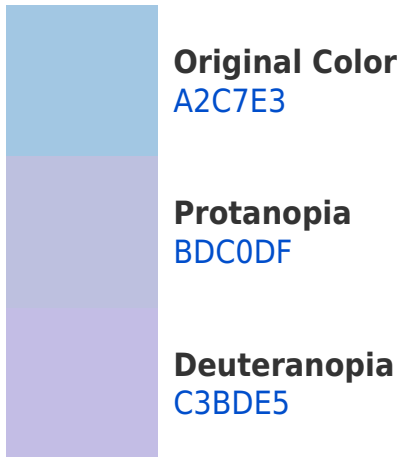


This preview shows how white text looks on a background with the Hex color A2C7E3.

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](#).

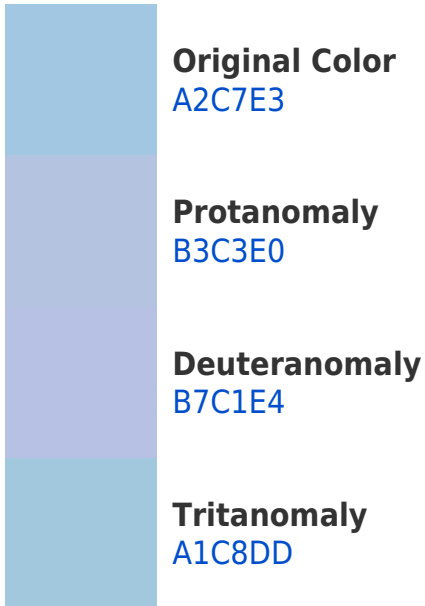
Dichromacy



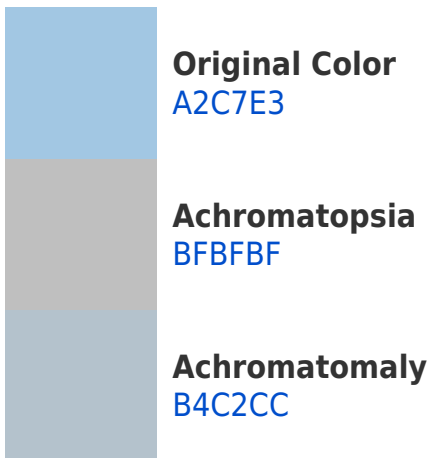


Tritanopia
A0C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A2C7E3 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 #A2C7E3 looks like.

```
.text, #text, p{  
    color:#A2C7E3  
}
```

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 #A2C7E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2C7E3
}
```

Border

The CSS property to change the border of an element to Hex A2C7E3 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
#A2C7E3 }
```

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

```
.border{ border-color:#A2C7E3 }
```

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

Here you see how a box with a 4 pixel #A2C7E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2C7E3; -webkit-box-shadow:4px 4px  
4px 4px #A2C7E3; box-shadow:4px 4px 4px  
4px #A2C7E3 }
```

Background

The CSS property to change the background color of an element to Hex A2C7E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2C7E3 }
```

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

```
.background{ background-color:#A2C7E3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor