

Converting Colors

Hex(9AD9E6)

Have a look what the booklet for
Hex(9AD9E6) contains.

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Color

Hex(9AD9E6)

Conversions

Conversions Part 1

Format	Color
Hex	9AD9E6
RGB	154, 217, 230
RGB Percent	60%, 85%, 90%
CMY	0.3961, 0.1490, 0.0980
CMYK	0.33, 0.06, 0.00, 0.10
HSL	190°, 60%, 75%
HSV	190°, 33%, 90%
XYZ	52.4222, 62.2089, 84.1075
YIQ	199.6450, -41.7210, -9.3130

Conversions

Conversions Part 2

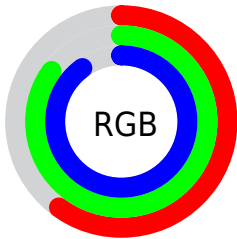
Format	Color
RYB	154, 188, 230
Decimal	10148326
CIELab	83.02, -16.79, -12.78
CIElCh	83, 21.096, 217.275
Yxy	62.2089, 0.2638, 0.3130
Android (android.graphics.Color)	4288338406 (0xFF9AD9E6)
YUV	199.6450, 14.9650, -40.0307
Hunter-Lab	78.8726, -19.3881, -8.0143

Details

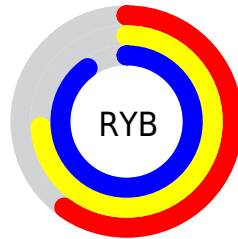
The Hex color **9AD9E6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6A79A**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D2FFFF**, and **64A2AF** is the 20% darker color. If you saturate the color by 10%, you get **83D5E6**, and if you desaturate by 10%, it is **B1DDE6**.

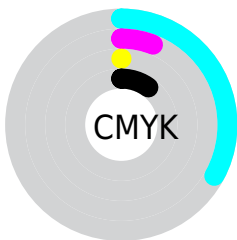
Distribution



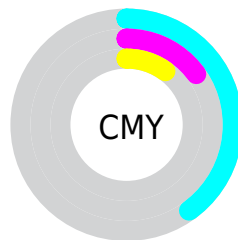
- Red (60%)
- Green (85%)
- Blue (90%)



- Red (60%)
- Yellow (74%)
- Blue (90%)



- Cyan (33%)
- Magenta (6%)
- Yellow (0%)
- Black (10%)



- Cyan (40%)
- Magenta (15%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9AD9E6 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 9AD9E6 by changing the saturation by 10% instead.

 9AD9E6

 9AD9E6

FFFFFF

 7FBDCB

 D2FFFF

 64A2AF

 F0FFFF

 498894

 2D6E7A

 095661

 003E49

 002833

 00141E

 000002

 9AD9E6

 9AD9E6

 83D5E6

 B1DDE6

 6CD1E6

 C8E1E6

 55CDE6

 DFE5E6

 3EC9E6

 F6E9E6

 27C5E6

 FFEDE6

 10C1E6

 FFF1E6

 00BFE6

 FFF5E6

 FFF8E6

 FFFCE6

Harmonies

Analogous

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



9DDAD3



9AD9E6



A7D5F3

Triad

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



9AD9E6



EDC3DF



D9CFA8

Complementary

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



9AD9E6



E6A79A

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.



ECC8AB



9AD9E6



F7C1CB

Square

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



9AD9E6



D8C8EE



F7C3B8



C3D5AF

Rectangle

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



9AD9E6



B6D1F6



F7C3B8



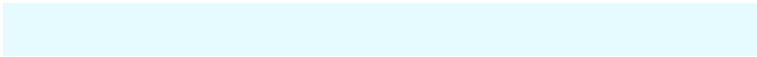
E0CDA7

Sweetspot

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



9AD9E6



E6FBFF



9AE6A7



707D80



000000



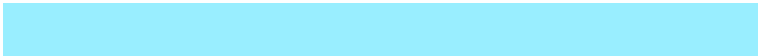
808080

Same Dimension

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



9AD9E6



99EEFF



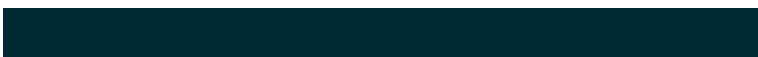
9AB3E6



677173



0094B3



002A33

Inverse Universe

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



E69AD9



FF99EE



E6CD9A



736771



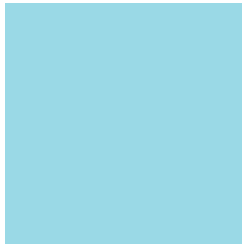
B30094



33002A

Previews

White Background



This preview shows how the Hex color 9AD9E6 looks on a white background.

Color Contrast Check

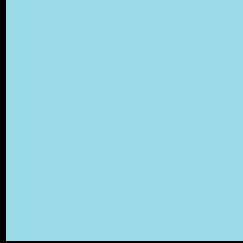
Large Text (above 18pt) WCAG AA × Fail

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 9AD9E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

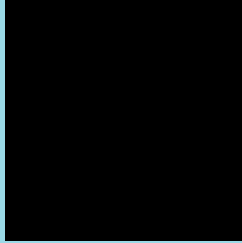
Any Text WCAG AA ✓ Pass

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 9AD9E6 Background



This preview shows how black text looks on a background with the Hex color 9AD9E6.

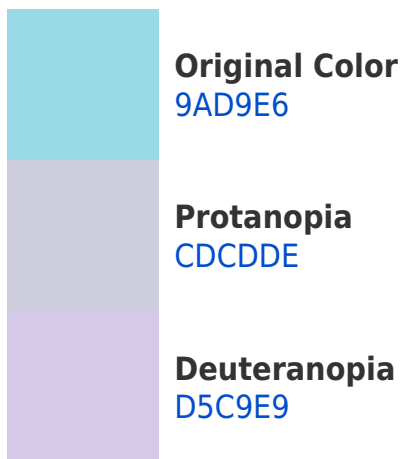


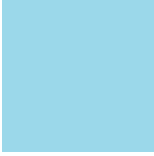
This preview shows how white text looks on a background with the Hex color 9AD9E6.

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](#).

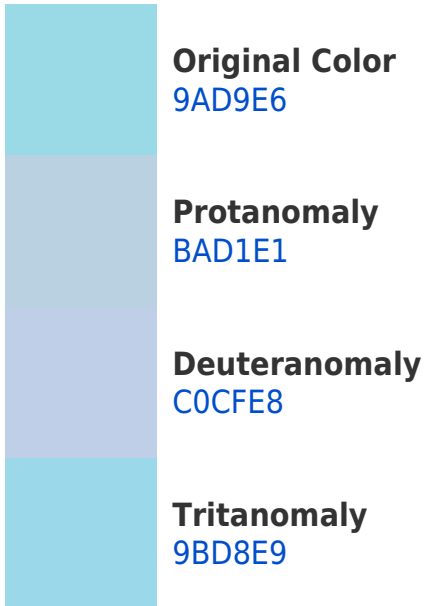
Dichromacy



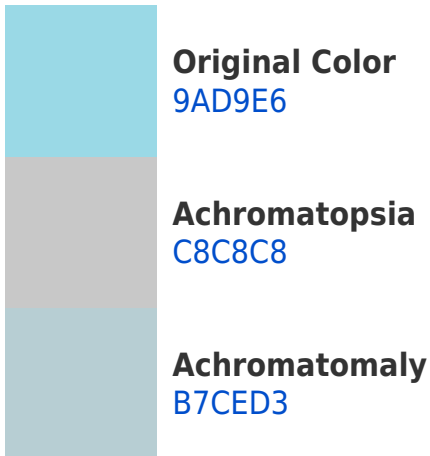


Tritanopia
9BD8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9AD9E6 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 #9AD9E6 looks like.

```
.text, #text, p{  
    color:#9AD9E6  
}
```

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 #9AD9E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9AD9E6  
}
```

Border

The CSS property to change the border of an element to Hex 9AD9E6 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  
#9AD9E6 }
```

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

```
.border{ border-color:#9AD9E6 }
```

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

Here you see how a box with a 4 pixel #9AD9E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9AD9E6; -webkit-box-shadow:4px 4px  
4px 4px #9AD9E6; box-shadow:4px 4px 4px  
4px #9AD9E6 }
```

Background

The CSS property to change the background color of an element to Hex 9AD9E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9AD9E6 }
```

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

```
.background{ background-color:#9AD9E6 }
```

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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