

Converting Colors

Hex(96ADE1)

Have a look what the booklet for
Hex(96ADE1) contains.

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Color

Hex(96ADE1)

Conversions

Conversions Part 1

Format	Color
Hex	96ADE1
RGB	150, 173, 225
RGB Percent	59%, 68%, 88%
CMY	0.4118, 0.3216, 0.1176
CMYK	0.33, 0.23, 0.00, 0.12
HSL	222°, 56%, 74%
HSV	222°, 33%, 88%
XYZ	41.1119, 41.8074, 77.1370
YIQ	172.0510, -30.4000, 11.2960

Conversions

Conversions Part 2

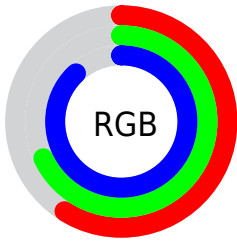
Format	Color
RYB	150, 168, 225
Decimal	9874913
CIELab	70.74, 4.26, -28.74
CIELCh	71, 29.058, 278.438
Yxy	41.8074, 0.2569, 0.2612
Android (android.graphics.Color)	4288064993 (0xFF96ADE1)
YUV	172.0510, 26.1039, -19.3387
Hunter-Lab	64.6587, 0.3429, -25.4712

Details

The Hex color **96ADE1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E1CA96**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **CEE4FF**, and **6179AA** is the 20% darker color. If you saturate the color by 10%, you get **7F9DE1**, and if you desaturate by 10%, it is **ADBDE1**.

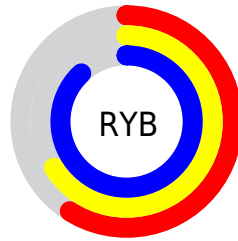
Distribution



Red (59%)

Green (68%)

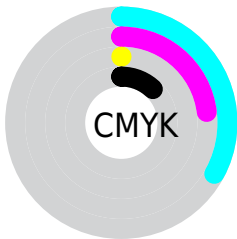
Blue (88%)



Red (59%)

Yellow (66%)

Blue (88%)

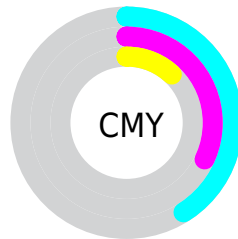


Cyan (33%)

Magenta (23%)

Yellow (0%)

Black (12%)



Cyan (41%)

Magenta (32%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96ADE1 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 96ADE1 by changing the saturation by 10% instead.

■ 96ADE1

FFFFFF

■ CEE4FF

■ EBFFFF

■ 96ADE1

■ 7B92C5

■ 6179AA

■ 47608F

■ 2C4975

■ 0D325C

■ 001E44

■ 00032E

■ 000119

■ 000000

 96ADE1

 96ADE1

 7F9DE1

 ADBDE1

 698EE1

 C3CCE1

 537EE1

 DADCE1

 3C6FE1

 F0EBE1

 265FE1

 FFFBE1

 0F4FE1

 FFFFE1

 0045E1

Harmonies

Analogous

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



71B5DE



96ADE1



BAA4D7

Triad

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



96ADE1



DF9D8D



7DBA99

Complementary

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



96ADE1



E1CA96

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.



9BB583



96ADE1



D0A57D

Square

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



96ADE1



E299A6



B8AE79



62BCB4

Rectangle

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



96ADE1



CE9EC9



B8AE79



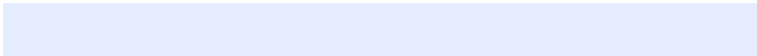
87B991

Sweetspot

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



96ADE1



E6EDFF



96E1C9



707580



000000



808080

Same Dimension

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



96ADE1



99B8FF



A496E1



656870



0036B0



000F30

Inverse Universe

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



E196AD



FF99B8



D3E196



706568



B00036



30000F

Previews

White Background



This preview shows how the Hex color 96ADE1 looks on a white background.

Color Contrast Check

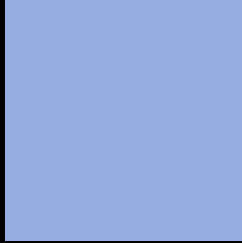
Large Text (above 18pt) WCAG AA × Fail

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 96ADE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

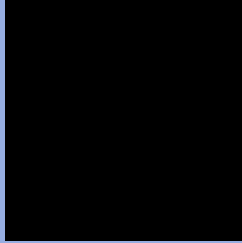
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

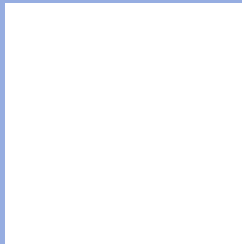
Any Text WCAG AAA ✓ Pass

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

Hex 96ADE1 Background



This preview shows how black text looks on a background with the Hex color 96ADE1.



This preview shows how white text looks on a background with the Hex color 96ADE1.

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
96ADE1

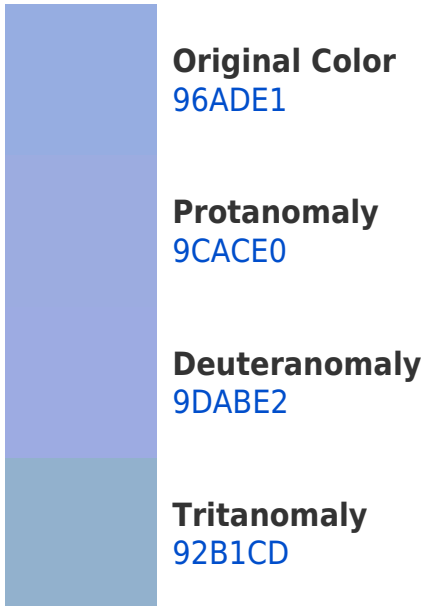
Protanopia
9FABDF

Deuteranopia
A1AAE2

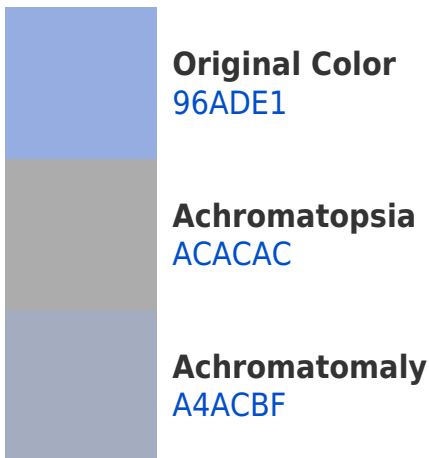


Tritanopia
8FB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96ADE1 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 #96ADE1 looks like.

```
.text, #text, p{  
    color:#96ADE1  
}
```

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 #96ADE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96ADE1  
}
```

Border

The CSS property to change the border of an element to Hex 96ADE1 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  
#96ADE1 }
```

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

```
.border{ border-color:#96ADE1 }
```

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

Here you see how a box with a 4 pixel #96ADE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96ADE1; -webkit-box-shadow:4px 4px  
4px 4px #96ADE1; box-shadow:4px 4px 4px  
4px #96ADE1 }
```

Background

The CSS property to change the background color of an element to Hex 96ADE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96ADE1 }
```

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

```
.background{ background-color:#96ADE1 }
```

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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