

Converting Colors

Hex(96ADE4)

Have a look what the booklet for
Hex(96ADE4) contains.

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Color

Hex(96ADE4)

Conversions

Conversions Part 1

Format	Color
Hex	96ADE4
RGB	150, 173, 228
RGB Percent	59%, 68%, 89%
CMY	0.4118, 0.3216, 0.1059
CMYK	0.34, 0.24, 0.00, 0.11
HSL	222°, 59%, 74%
HSV	222°, 34%, 89%
XYZ	41.5248, 41.9726, 79.3117
YIQ	172.3930, -31.3630, 12.2290

Conversions

Conversions Part 2

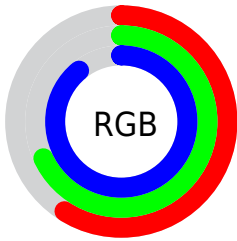
Format	Color
RYB	150, 168, 228
Decimal	9874916
CIELab	70.85, 5.03, -30.21
CIELCh	71, 30.623, 279.462
Yxy	41.9726, 0.2551, 0.2578
Android (android.graphics.Color)	4288064996 (0xFF96ADE4)
YUV	172.3930, 27.4143, -19.6387
Hunter-Lab	64.7863, 1.0338, -27.2328

Details

The Hex color **96ADE4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E4CD96**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **CEE4FF**, and **6079AC** is the 20% darker color. If you saturate the color by 10%, you get **7F9DE4**, and if you desaturate by 10%, it is **ADBDE4**.

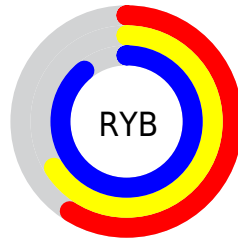
Distribution



Red (59%)

Green (68%)

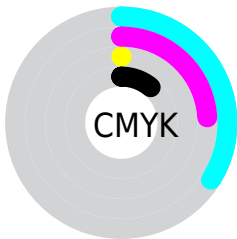
Blue (89%)



Red (59%)

Yellow (66%)

Blue (89%)

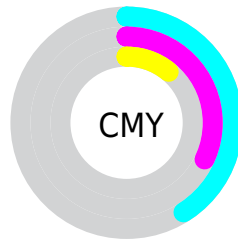


Cyan (34%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (41%)

Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96ADE4 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 96ADE4 by changing the saturation by 10% instead.

■ 96ADE4

■ 96ADE4

FFFFFF

■ 7B93C8

■ CEE4FF

■ 6079AC

■ EBFFFF

■ 466092

■ 2B4978

■ 0B325F

■ 001E47

■ 000330

■ 00011B

■ 000000

 96ADE4

 96ADE4

 7F9DE4

 ADBDE4

 688DE4

 C4CDE4

 527DE4

 DADDE4

 3B6DE4

 F1EDE4

 245DE4

 FFFDE4

 0D4DE4

 FFFFE4

 0043E4

Harmonies

Analogous

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



6DB6E1



96ADE4



BDA3D8

Triad

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



96ADE4



E29D8B



79BB99

Complementary

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



96ADE4



E4CD96

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.



99B682



96ADE4



D2A57A

Square

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



96ADE4



E599A5



B8AE76



5CBDB6

Rectangle

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



96ADE4



D09DCA



B8AE76



84BA90

Sweetspot

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



96ADE4



E6EDFF



96E4CD



707580



000000



808080

Same Dimension

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



96ADE4



96B5FF



A696E4



676B73



0035B3



000F33

Inverse Universe

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



E496AD



FF96B5



D4E496



73676B



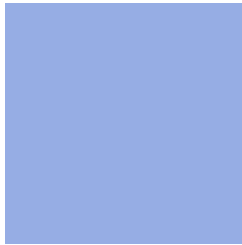
B30035



33000F

Previews

White Background



This preview shows how the Hex color 96ADE4 looks on a white background.

Color Contrast Check

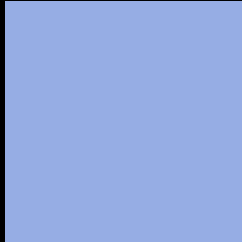
Large Text (above 18pt) WCAG AA × Fail

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 96ADE4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

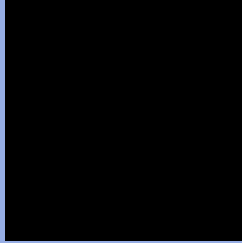
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

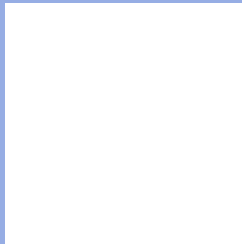
Any Text WCAG AAA ✓ Pass

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

Hex 96ADE4 Background



This preview shows how black text looks on a background with the Hex color 96ADE4.



This preview shows how white text looks on a background with the Hex color 96ADE4.

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](#).

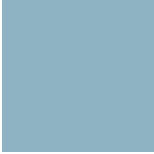
Dichromacy



Original Color
96ADE4

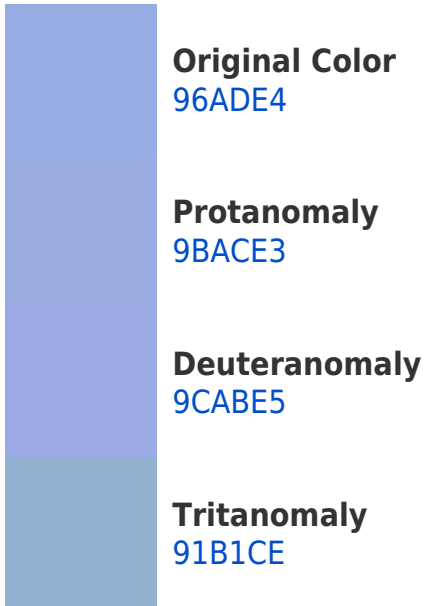
Protanopia
9EABE3

Deuteranopia
9FAAE5

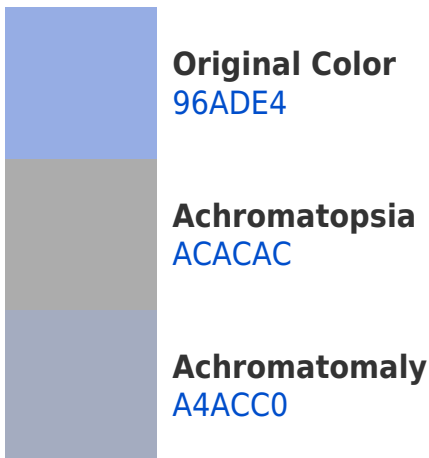


Tritanopia
8EB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96ADE4 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 #96ADE4 looks like.

```
.text, #text, p{  
    color:#96ADE4  
}
```

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 #96ADE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96ADE4  
}
```

Border

The CSS property to change the border of an element to Hex 96ADE4 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  
#96ADE4 }
```

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

```
.border{ border-color:#96ADE4 }
```

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

Here you see how a box with a 4 pixel #96ADE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96ADE4; -webkit-box-shadow:4px 4px  
4px 4px #96ADE4; box-shadow:4px 4px 4px  
4px #96ADE4 }
```

Background

The CSS property to change the background color of an element to Hex 96ADE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96ADE4 }
```

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

```
.background{ background-color:#96ADE4 }
```

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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