

Converting Colors

Hex(96ACDE)

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

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Color

Hex(96ACDE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 96ACDE |
| RGB | 150, 172, 222 |
| RGB Percent | 59%, 67%, 87% |
| CMY | 0.4118, 0.3255, 0.1294 |
| CMYK | 0.32, 0.23, 0.00, 0.13 |
| HSL | 222°, 52%, 73% |
| HSV | 222°, 32%, 87% |
| XYZ | 40.5150, 41.2630, 74.9364 |
| YIQ | 171.1220, -29.1620, 10.8860 |

Conversions

Conversions Part 2

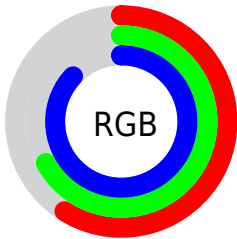
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 150, 167, 222 |
| Decimal | 9874654 |
| CIELab | 70.36, 4.06, -27.68 |
| CIELCh | 70, 27.979, 278.334 |
| Yxy | 41.2630, 0.2585, 0.2633 |
| Android (android.graphics.Color) | 4288064734 (0xFF96ACDE) |
| YUV | 171.1220, 25.0829, -18.5240 |
| Hunter-Lab | 64.2363, 0.1698, -24.2008 |

Details

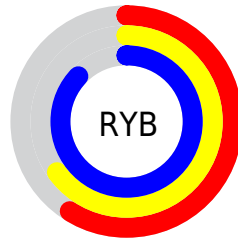
The Hex color **96ACDE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DEC896**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **CEE3FF**, and **6178A7** is the 20% darker color. If you saturate the color by 10%, you get **809DDE**, and if you desaturate by 10%, it is **ACBBDE**.

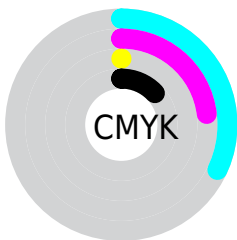
Distribution



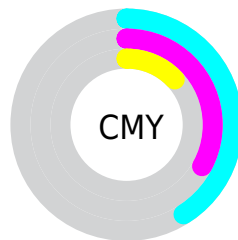
- Red (59%)
- Green (67%)
- Blue (87%)



- Red (59%)
- Yellow (65%)
- Blue (87%)



- Cyan (32%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)



- Cyan (41%)
- Magenta (33%)
- Yellow (13%)

Brightness & Saturation Gradients

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

■ 96ACDE

■ 96ACDE

FFFFFF

■ 7B92C2

■ CEE3FF

■ 6178A7

■ EAFFFF

■ 475F8C

■ 2D4873

■ 10325A

■ 001D42

■ 00012C

■ 000116

■ 000000

 96ACDE

 96ACDE

 809DDE

 ACBBDE

 6A8DDE

 C2CBDE

 537EDE


 D9DADE

 3D6EDE

 EFEADE

 275FDE

 FFF9DE

 1150DE

 FFFFDE

 0044DE

Harmonies

Analogous

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



73B4DB



96ACDE



B9A3D4

Triad

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



96ACDE



DD9D8E



7EB998

Complementary

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



96ACDE



DEC896

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.



9BB484



96ACDE



CEA47D

Square

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



96ACDE



DF99A6



B7AD7A



65BAB2

Rectangle

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



96ACDE



CB9EC7



B7AD7A



87B791

Sweetspot

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



96ACDE



E6EDFF



96DEC7



707580



000000



808080

Same Dimension

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



96ACDE



9CBAFF



A396DE



656870



0036B0



000F30

Inverse Universe

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



DE96AC



FF9CBA



D1DE96



706568



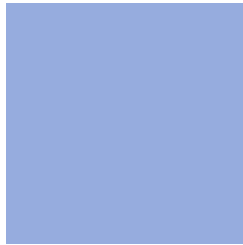
B00036



30000F

Previews

White Background



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

Color Contrast Check

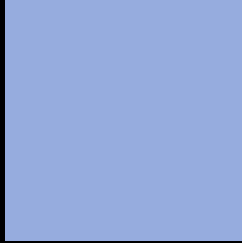
Large Text (above 18pt) WCAG AA × Fail

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 96ACDE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

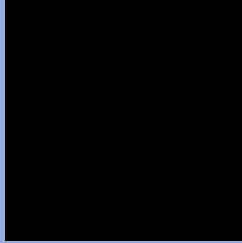
Any Text WCAG AA ✓ Pass

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 96ACDE Background



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



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

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
96ACDE

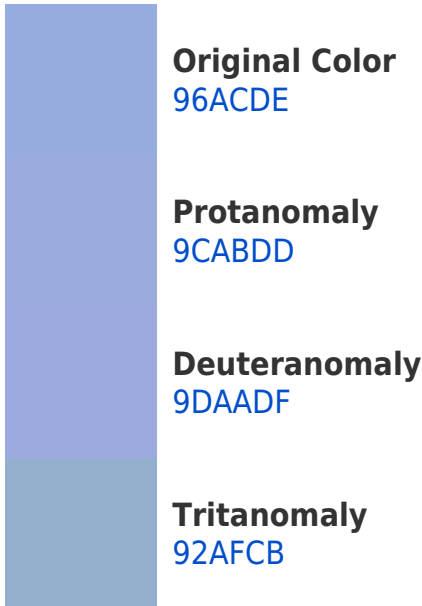
Protanopia
9FAADC

Deuteranopia
A1A9DF

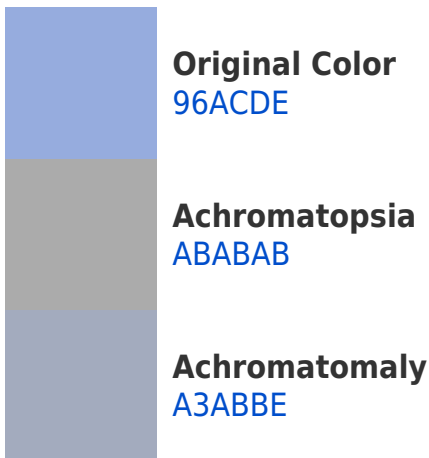


Tritanopia
8FB1C0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #96ACDE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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