

Converting Colors

Hex(96A1DC)

Have a look what the booklet for
Hex(96A1DC) contains.

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Color

Hex(96A1DC)

Conversions

Conversions Part 1

Format	Color
Hex	96A1DC
RGB	150, 161, 220
RGB Percent	59%, 63%, 86%
CMY	0.4118, 0.3686, 0.1373
CMYK	0.32, 0.27, 0.00, 0.14
HSL	231°, 50%, 73%
HSV	231°, 32%, 86%
XYZ	38.2408, 37.1411, 72.8636
YIQ	164.4370, -25.4950, 16.0170

Conversions

Conversions Part 2

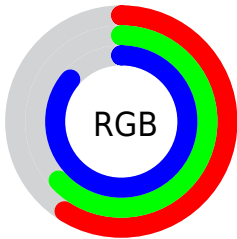
Format	Color
R _{YB}	150, 160, 220
Decimal	9871836
CIE Lab	67.38, 9.71, -31.17
CIE LCh	67, 32.650, 287.302
Yxy	37.1411, 0.2580, 0.2505
Android (android.graphics.Color)	4288061916 (0xFF96A1DC)
YUV	164.4370, 27.3926, -12.6612
Hunter-Lab	60.9435, 5.3541, -28.2263

Details

The Hex color **96A1DC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DCD196**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **CED8FF**, and **616EA5** is the 20% darker color. If you saturate the color by 10%, you get **808EDC**, and if you desaturate by 10%, it is **ACB4DC**.

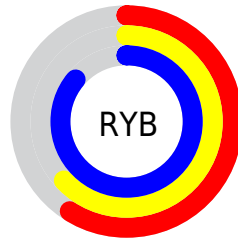
Distribution



Red (59%)

Green (63%)

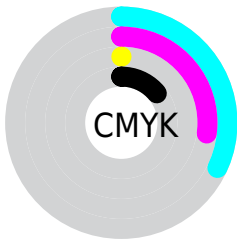
Blue (86%)



Red (59%)

Yellow (63%)

Blue (86%)

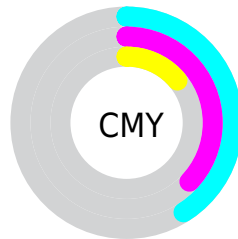


Cyan (32%)

Magenta (27%)

Yellow (0%)

Black (14%)



Cyan (41%)

Magenta (37%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96A1DC 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 96A1DC by changing the saturation by 10% instead.

■ 96A1DC

■ 96A1DC

FFFFFF

■ 7B87C0

■ CED8FF

■ 616EA5

■ EAF4FF

■ 47558A

■ 2D3E71

■ 102958

■ 001540

■ 00032A

■ 000114

■ 000000

 96A1DC

 96A1DC

 808EDC

 ACB4DC

 6A7CDC

 C2C6DC

 5469DC

 D8D9DC

 3E57DC

 EEEBDC

 2844DC

 FFFEDC

 1232DC

 FFFFDC

 0023DC

Harmonies

Analogous

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



68ABDD



96A1DC



BD97CC

Triad

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



96A1DC



D7947A



62B396

Complementary

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



96A1DC



DCD196

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.



86AF7B



96A1DC



C39E6B

Square

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



96A1DC



DE8E94



A7A86B



42B4B5

Rectangle

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



96A1DC



CF91BB



A7A86B



6EB28C

Sweetspot

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



96A1DC



E6EAFF



96DCD0



707380



000000



808080

Same Dimension

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



96A1DC



9EADFF



AD96DC



63646E



001BAD



00072E

Inverse Universe

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



DC96A1



FF9EAD



C5DC96



6E6364



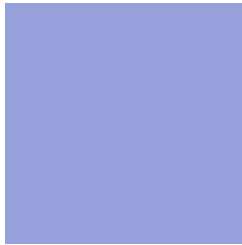
AD001B



2E0007

Previews

White Background



This preview shows how the Hex color 96A1DC looks on a white background.

Color Contrast Check

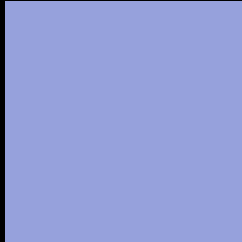
Large Text (above 18pt) WCAG AA × Fail

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 96A1DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

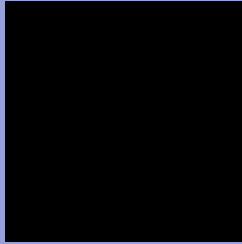
Any Text WCAG AA ✓ Pass

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 96A1DC Background



This preview shows how black text looks on a background with the Hex color 96A1DC.



This preview shows how white text looks on a background with the Hex color 96A1DC.

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
96A1DC

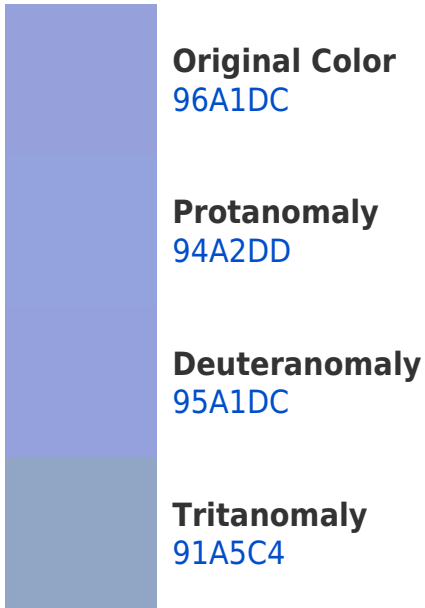
Protanopia
93A2DD

Deuteranopia
94A1DC

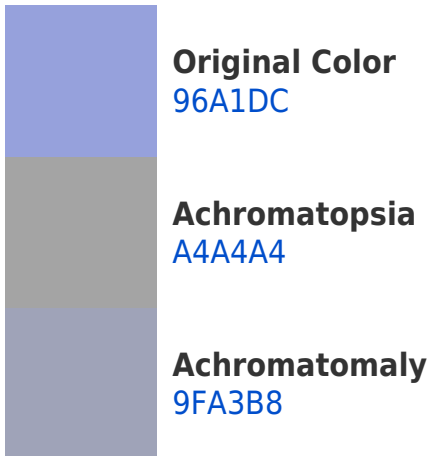


Tritanopia
8EA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96A1DC 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 #96A1DC looks like.

```
.text, #text, p{  
    color:#96A1DC  
}
```

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 #96A1DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A1DC
}
```

Border

The CSS property to change the border of an element to Hex 96A1DC 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
#96A1DC }
```

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

```
.border{ border-color:#96A1DC }
```

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

Here you see how a box with a 4 pixel #96A1DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A1DC; -webkit-box-shadow:4px 4px  
4px 4px #96A1DC; box-shadow:4px 4px 4px  
4px #96A1DC }
```

Background

The CSS property to change the background color of an element to Hex 96A1DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A1DC }
```

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

```
.background{ background-color:#96A1DC }
```

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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