

# Converting Colors

Hex(96A1CE)

Have a look what the booklet for  
Hex(96A1CE) contains.

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# **Color**

**Hex(96A1CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96A1CE
RGB	150, 161, 206
RGB Percent	59%, 63%, 81%
CMY	0.4118, 0.3686, 0.1922
CMYK	0.27, 0.22, 0.00, 0.19
HSL	228°, 36%, 70%
HSV	228°, 27%, 81%
XYZ	36.4631, 36.4300, 63.5024
YIQ	162.8410, -21.0010, 11.6630

# Conversions

## Conversions Part 2

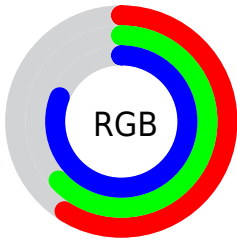
Format	Color
<a href="#">RYB</a>	<a href="#">150, 159, 206</a>
Decimal	<a href="#">9871822</a>
CIELab	<a href="#">66.85, 6.21, -24.26</a>
CIELCh	<a href="#">67, 25.041, 284.355</a>
Yxy	<a href="#">36.4300, 0.2673, 0.2671</a>
Android (android.graphics.Color)	<a href="#">4288061902 (0xFF96A1CE)</a>
YUV	<a href="#">162.8410, 21.2774, -11.2616</a>
Hunter-Lab	<a href="#">60.3573, 2.2105, -20.1294</a>

# Details

The Hex color **96A1CE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CEC396**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **CDD8FF**, and **626E98** is the 20% darker color. If you saturate the color by 10%, you get **8190CE**, and if you desaturate by 10%, it is **ABB2CE**.

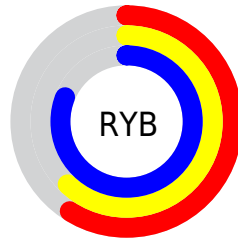
# Distribution



Red (59%)

Green (63%)

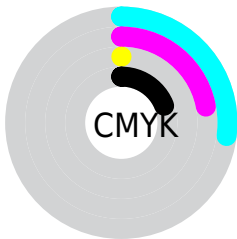
Blue (81%)



Red (59%)

Yellow (62%)

Blue (81%)

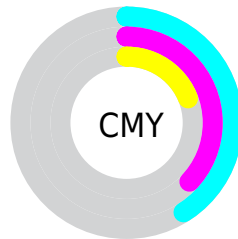


Cyan (27%)

Magenta (22%)

Yellow (0%)

Black (19%)



Cyan (41%)

Magenta (37%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96A1CE 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 96A1CE by changing the saturation by 10% instead.



■ 96A1CE

■ 96A1CE

FFFFFF

■ 7C87B2

■ CDD8FF

■ 626E98

■ EAF4FF

■ 49557E

■ 303E64

■ 17294C

■ 001435

■ 000220

■ 000004

■ 000000

■ 96A1CE

■ 96A1CE

■ 8190CE

■ ABB2CE

■ 6D80CE

■ BFC2CE

■ 586FCE

■ D4D3CE

■ 445FCE

■ E8E3CE

■ 2F4ECE

■ FDF4CE

■ 1A3ECE

■ FFFFCE

■ 062DCE

■ 0028CE

# Harmonies

## Analogous

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



77A8CD



96A1CE



B399C3

# Triad

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



96A1CE



CC9684



75AE96

# Complementary

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



96A1CE



CEC396

# 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.



8FAB82



96A1CE



BE9D78

# Square

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



96A1CE



D09298



A8A577



63AFAD

# Rectangle

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



96A1CE



C295B7



A8A577



7DAD8E



# Sweetspot

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



96A1CE



EBEFFF



96CEC3



737580



000000



808080



# Same Dimension

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



96A1CE



ABBBFF



A796CE



5C5E66



0021A6



000826



# Inverse Universe

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



CE96A1



FFABBB



BDCE96



665C5E



A60021

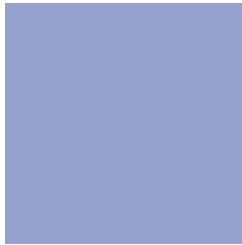


260008



# Previews

## White Background



This preview shows how the Hex color 96A1CE looks on a white background.

## Color Contrast Check

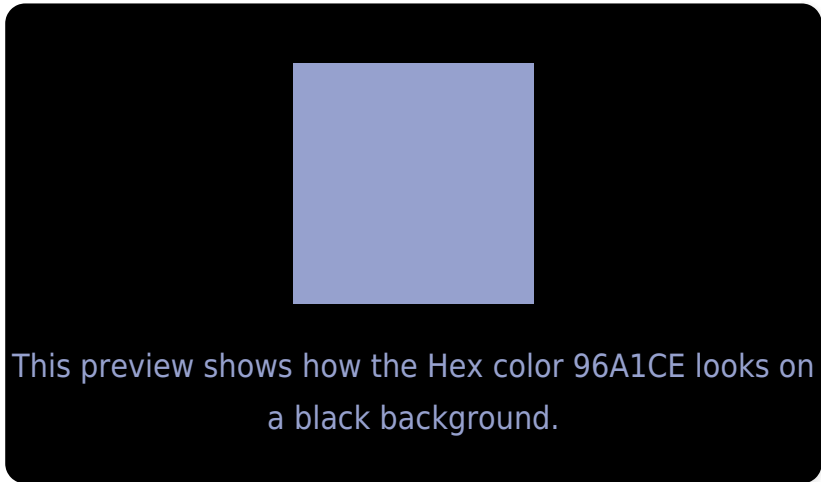
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

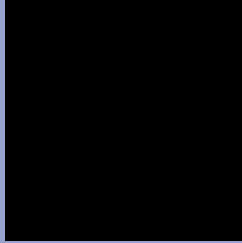
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96A1CE Background



This preview shows how black text looks on a background with the Hex color 96A1CE.



This preview shows how white text looks on a background with the Hex color 96A1CE.

# 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**  
96A1CE

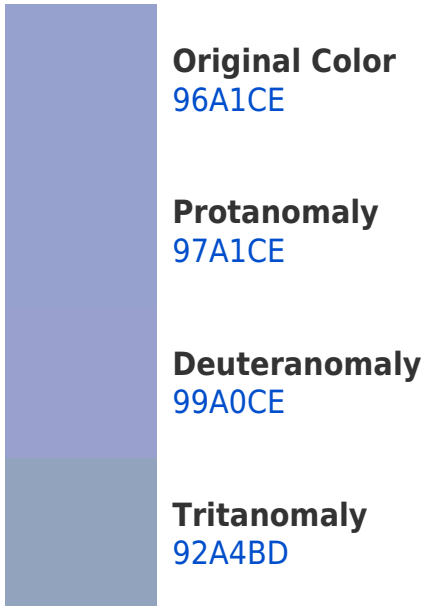
**Protanopia**  
97A1CE

**Deuteranopia**  
9B9FCE

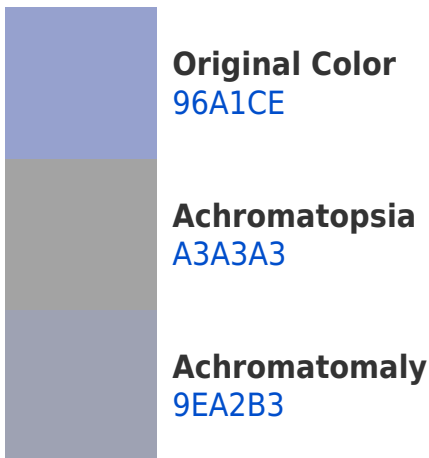


**Tritanopia**  
90A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96A1CE 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 #96A1CE looks like.

```
.text, #text, p{  
    color:#96A1CE  
}
```

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 #96A1CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A1CE
}
```

## Border

The CSS property to change the border of an element to Hex 96A1CE 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
#96A1CE }
```

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

```
.border{ border-color:#96A1CE }
```

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

Here you see how a box with a 4 pixel #96A1CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A1CE; -webkit-box-shadow:4px 4px  
4px 4px #96A1CE; box-shadow:4px 4px 4px  
4px #96A1CE }
```

# Background

The CSS property to change the background color of an element to Hex 96A1CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A1CE }
```

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

```
.background{ background-color:#96A1CE }
```

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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