

Converting Colors

Hex(96A3D1)

Have a look what the booklet for
Hex(96A3D1) contains.

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Color

Hex(96A3D1)

Conversions

Conversions Part 1

Format	Color
Hex	96A3D1
RGB	150, 163, 209
RGB Percent	59%, 64%, 82%
CMY	0.4118, 0.3608, 0.1804
CMYK	0.28, 0.22, 0.00, 0.18
HSL	227°, 39%, 70%
HSV	227°, 28%, 82%
XYZ	37.1835, 37.2819, 65.5579
YIQ	164.3570, -22.5140, 11.5500

Conversions

Conversions Part 2

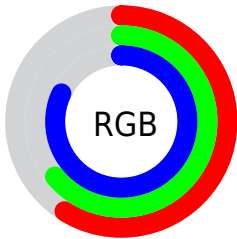
Format	Color
RYB	150, 161, 209
Decimal	9872337
CIELab	67.49, 5.82, -24.94
CIELCh	67, 25.609, 283.143
Yxy	37.2819, 0.2656, 0.2663
Android (android.graphics.Color)	4288062417 (0xFF96A3D1)
YUV	164.3570, 22.0090, -12.5911
Hunter-Lab	61.0589, 1.8495, -20.9175

Details

The Hex color **96A3D1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D1C496**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **CDDAFF**, and **626F9A** is the 20% darker color. If you saturate the color by 10%, you get **8193D1**, and if you desaturate by 10%, it is **ABB3D1**.

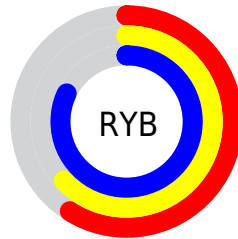
Distribution



Red (59%)

Green (64%)

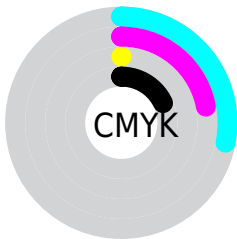
Blue (82%)



Red (59%)

Yellow (63%)

Blue (82%)

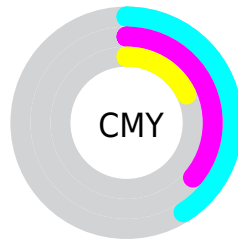


Cyan (28%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (41%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96A3D1 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 96A3D1 by changing the saturation by 10% instead.

■ 96A3D1

■ 96A3D1

FFFFFF

■ 7B89B5

■ CDDAFF

■ 626F9A

■ EAF6FF

■ 485780

■ 304067

■ 162A4F

■ 001638

■ 000222

■ 000008

■ 000000

■ 96A3D1

■ 96A3D1

■ 8193D1

■ ABB3D1

■ 6C82D1

■ C0C4D1

■ 5772D1

■ D5D4D1

■ 4262D1

■ EAE4D1

■ 2E52D1

■ FEF4D1

■ 1941D1

■ FFFFD1

■ 0431D1

■ 002ED1

Harmonies

Analogous

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



76AAD0



96A3D1



B59BC6

Triad

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



96A3D1



CF9786



77B096

Complementary

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



96A3D1



D1C496

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.



91AC82



96A3D1



C19E79

Square

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



96A3D1



D3949B



ABA677



63B1AE

Rectangle

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



96A3D1



C497BA



ABA677



7FAF8F

Sweetspot

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



96A3D1



EBEFFF



96D1C3



737680



000000



808080

Same Dimension

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



96A3D1



A8BBFF



A696D1



5E6069



0025A8



000929

Inverse Universe

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



D196A3



FFA8BB



C1D196



695E60



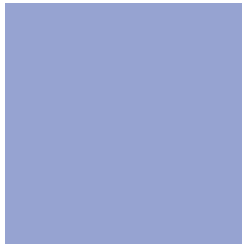
A80025



290009

Previews

White Background



This preview shows how the Hex color 96A3D1 looks on a white background.

Color Contrast Check

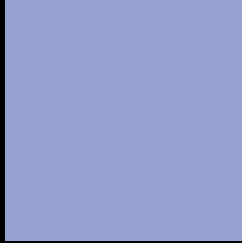
Large Text (above 18pt) WCAG AA × Fail

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 96A3D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

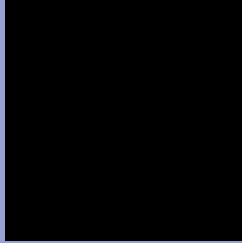
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

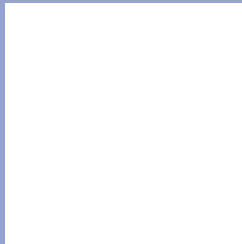
Any Text WCAG AAA ✓ Pass

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

Hex 96A3D1 Background



This preview shows how black text looks on a background with the Hex color 96A3D1.



This preview shows how white text looks on a background with the Hex color 96A3D1.

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
96A3D1

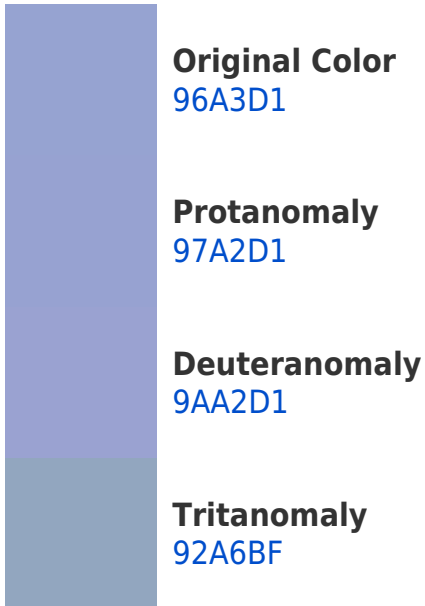
Protanopia
98A2D1

Deuteranopia
9CA1D1

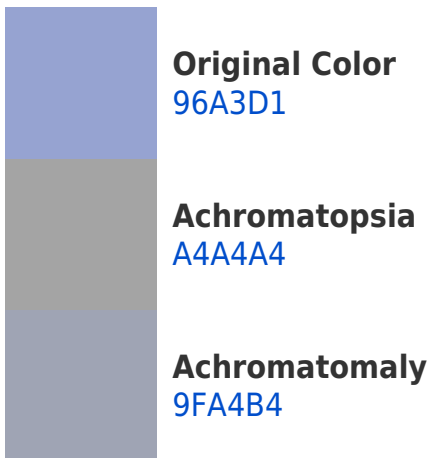


Tritanopia
90A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96A3D1 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 #96A3D1 looks like.

```
.text, #text, p{  
    color:#96A3D1  
}
```

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 #96A3D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A3D1
}
```

Border

The CSS property to change the border of an element to Hex 96A3D1 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
#96A3D1 }
```

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

```
.border{ border-color:#96A3D1 }
```

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

Here you see how a box with a 4 pixel #96A3D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A3D1; -webkit-box-shadow:4px 4px  
4px 4px #96A3D1; box-shadow:4px 4px 4px  
4px #96A3D1 }
```

Background

The CSS property to change the background color of an element to Hex 96A3D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A3D1 }
```

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

```
.background{ background-color:#96A3D1 }
```

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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