

Converting Colors

Hex(96A8D4)

Have a look what the booklet for
Hex(96A8D4) contains.

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Color

Hex(96A8D4)

Conversions

Conversions Part 1

Format	Color
Hex	96A8D4
RGB	150, 168, 212
RGB Percent	59%, 66%, 83%
CMY	0.4118, 0.3412, 0.1686
CMYK	0.29, 0.21, 0.00, 0.17
HSL	223°, 42%, 71%
HSV	223°, 29%, 83%
XYZ	38.4640, 39.2428, 67.8347
YIQ	167.6340, -24.8520, 9.8680

Conversions

Conversions Part 2

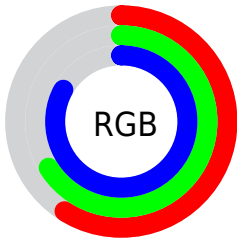
Format	Color
R _Y B	150, 164, 212
Decimal	9873620
CIE Lab	68.93, 3.77, -24.39
CIE LCh	69, 24.680, 278.791
Yxy	39.2428, 0.2643, 0.2696
Android (android.graphics.Color)	4288063700 (0xFF96A8D4)
YUV	167.6340, 21.8724, -15.4650
Hunter-Lab	62.6440, -0.0266, -20.3519

Details

The Hex color **96A8D4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D4C296**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **CDDFFF**, and **61749D** is the 20% darker color. If you saturate the color by 10%, you get **8199D4**, and if you desaturate by 10%, it is **ABB7D4**.

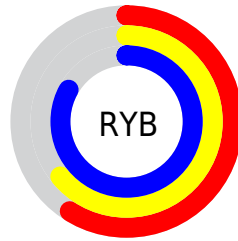
Distribution



Red (59%)

Green (66%)

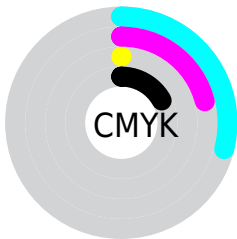
Blue (83%)



Red (59%)

Yellow (64%)

Blue (83%)

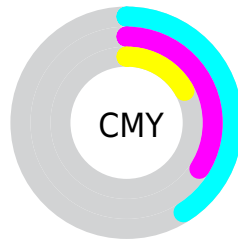


Cyan (29%)

Magenta (21%)

Yellow (0%)

Black (17%)



Cyan (41%)

Magenta (34%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96A8D4 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 96A8D4 by changing the saturation by 10% instead.

■ 96A8D4

■ 96A8D4

FFFFFF

■ 7B8EB8

■ CDDFFF

■ 61749D

■ EAFcff

■ 485C83

■ 2F446A

■ 152E51

■ 001A3A

■ 000225

■ 00010D

■ 000000

■ 96A8D4

■ 96A8D4

■ 8199D4

■ ABB7D4

■ 6C8AD4

■ C0C6D4

■ 567BD4

■ D6D5D4

■ 416CD4

■ EBE4D4

■ 2C5DD4

■ FFF3D4

■ 174ED4

■ FFFFD4

■ 023FD4

■ 003ED4

Harmonies

Analogous

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



78AFD1



96A8D4



B4A0CB

Triad

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



96A8D4



D39B8D



80B397

Complementary

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



96A8D4



D4C296

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.



99AF85



96A8D4



C7A17F

Square

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



96A8D4



D598A2



B2A97C



6CB5AE

Rectangle

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



96A8D4



C49CC0



B2A97C



88B290

Sweetspot

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



96A8D4



E8EFFF



96D4C1



717680



000000



808080

Same Dimension

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



96A8D4



A6C0FF



A296D4



60636B



0032AB



000D2B

Inverse Universe

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



D496A8



FFA6C0



C8D496



6B6063



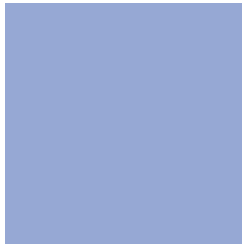
AB0032



2B000D

Previews

White Background



This preview shows how the Hex color 96A8D4 looks on a white background.

Color Contrast Check

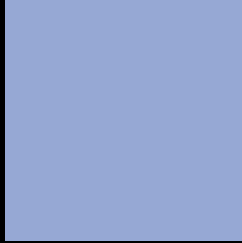
Large Text (above 18pt) WCAG AA × Fail

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 96A8D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

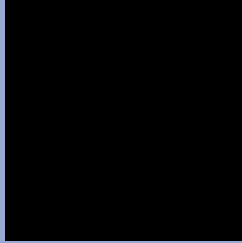
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

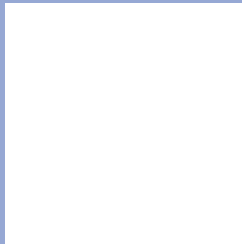
Any Text WCAG AAA ✓ Pass

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

Hex 96A8D4 Background



This preview shows how black text looks on a background with the Hex color 96A8D4.



This preview shows how white text looks on a background with the Hex color 96A8D4.

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

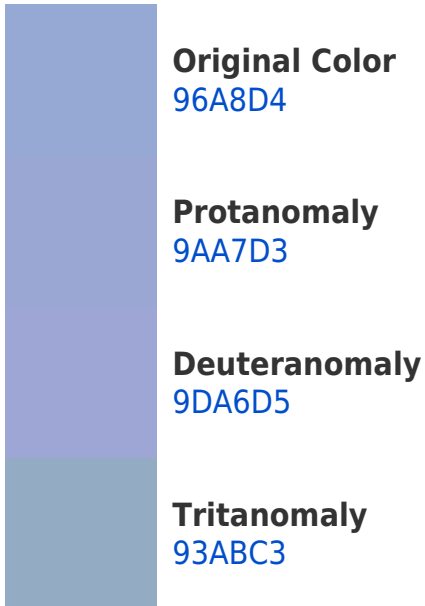


Original Color
96A8D4

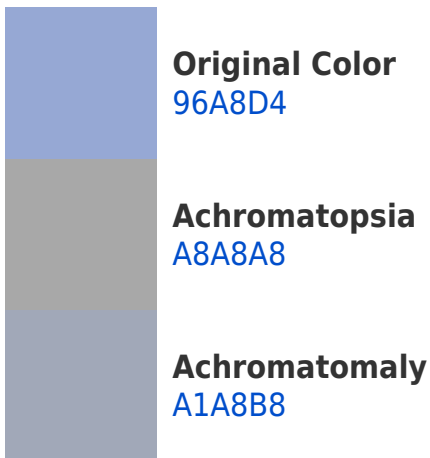
Protanopia
9DA6D3

Deuteranopia
A1A5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96A8D4 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 #96A8D4 looks like.

```
.text, #text, p{  
    color:#96A8D4  
}
```

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 #96A8D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A8D4
}
```

Border

The CSS property to change the border of an element to Hex 96A8D4 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
#96A8D4 }
```

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

```
.border{ border-color:#96A8D4 }
```

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

Here you see how a box with a 4 pixel #96A8D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A8D4; -webkit-box-shadow:4px 4px  
4px 4px #96A8D4; box-shadow:4px 4px 4px  
4px #96A8D4 }
```

Background

The CSS property to change the background color of an element to Hex 96A8D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A8D4 }
```

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

```
.background{ background-color:#96A8D4 }
```

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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