

# Converting Colors

Hex(96DAD8)

Have a look what the booklet for  
Hex(96DAD8) contains.

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**Color**

**Hex(96DAD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96DAD8
RGB	150, 218, 216
RGB Percent	59%, 85%, 85%
CMY	0.4118, 0.1451, 0.1529
CMYK	0.31, 0.00, 0.01, 0.15
HSL	178°, 48%, 72%
HSV	178°, 31%, 85%
XYZ	50.0438, 61.5847, 74.2152
YIQ	197.4400, -39.8860, -15.0380

# Conversions

## Conversions Part 2

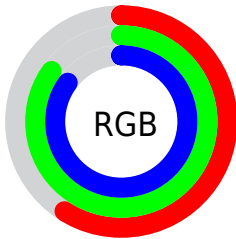
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 185, 218
Decimal	9886424
CIELab	82.69, -21.65, -5.85
CIELCh	83, 22.429, 195.126
Yxy	61.5847, 0.2693, 0.3314
Android (android.graphics.Color)	4288076504 (0xFF96DAD8)
YUV	197.4400, 9.1501, -41.6049
Hunter-Lab	78.4759, -23.5042, -1.1378

# Details

The Hex color **96DAD8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DA9698**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **CEFFFF**, and **60A3A1** is the 20% darker color. If you saturate the color by 10%, you get **80DAD7**, and if you desaturate by 10%, it is **ACDAD9**.

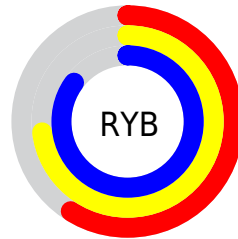
# Distribution



Red (59%)

Green (85%)

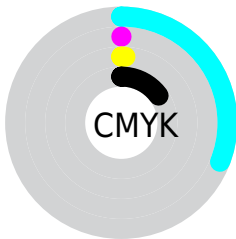
Blue (85%)



Red (59%)

Yellow (73%)

Blue (85%)

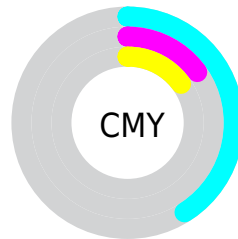


Cyan (31%)

Magenta (0%)

Yellow (1%)

Black (15%)



Cyan (41%)

Magenta (15%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96DAD8 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 96DAD8 by changing the saturation by 10% instead.



■ 96DAD8

FFFFFF

■ CEFFFF

■ EBFFFF

■ 96DAD8

■ 7BBEBC

■ 60A3A1

■ 458887

■ 2A6F6E

■ 055655

■ 003F3E

■ 002829

■ 001214

■ 000000

96DAD8

96DAD8

80DAD7

ACDAD9

6ADAD7

C2DAD9

55DAD6

D7DADA

3FDAD5

EDDADB

29DAD5

FFDADB

13DAD4

FFDADC

00DAD4

FFDADD

FFDADE

# Harmonies

## Analogous

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



A4D9C2



96DAD8



97D8EB

# Triad

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



96DAD8



DFC5EC



E8C9A6

# Complementary

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



96DAD8



DA9698

# 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.



F6C3B1



96DAD8



F2C0D9

# Square

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



96DAD8



C4CCF6



FABFC4



D3D0A5

# Rectangle

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



96DAD8



A1D5F3



FABFC4



EEC7A8



# Sweetspot

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



96DAD8



E8FFFE



98DA96



71807F



000000



808080



# Same Dimension

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



96DAD8



A1FFFC



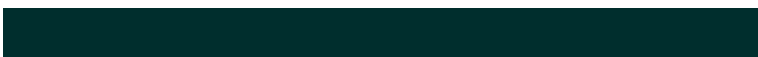
96BADA



636E6D



00ADA8



002E2D



# Inverse Universe

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



DA9698



FFA1A3



DAB696



6E6363



AD0005

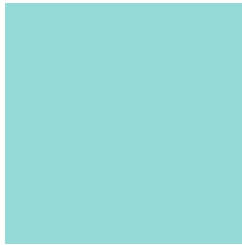


2E0001



# Previews

## White Background



This preview shows how the Hex color 96DAD8 looks on a white background.

## Color Contrast Check

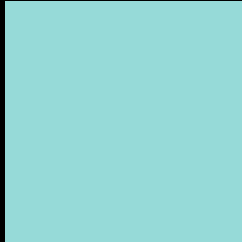
Large Text (above 18pt) WCAG AA × Fail

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 96DAD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

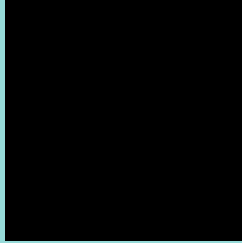
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

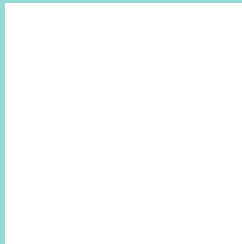
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96DAD8 Background



This preview shows how black text looks on a background with the Hex color 96DAD8.

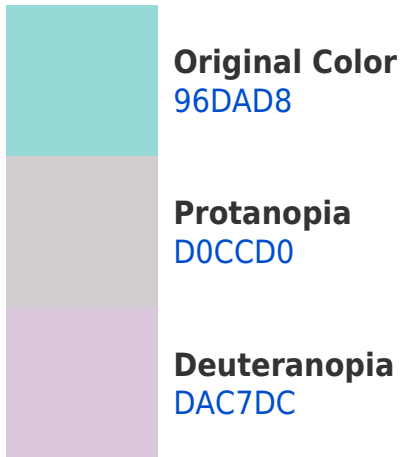


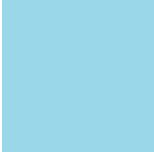
This preview shows how white text looks on a background with the Hex color 96DAD8.

# 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](#).

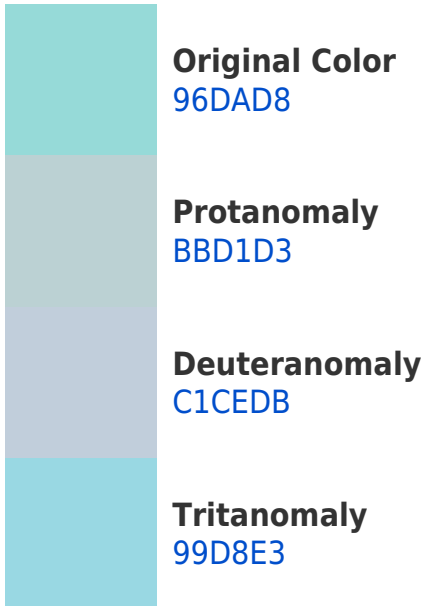
## Dichromacy



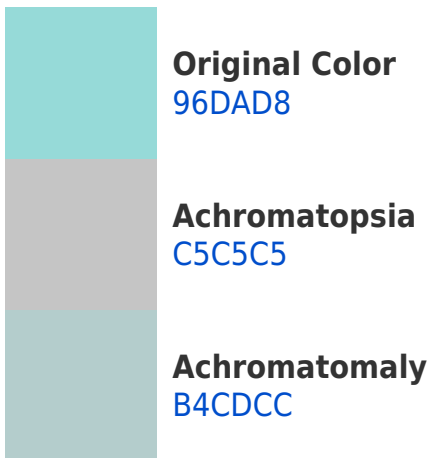


**Tritanopia**  
9AD7E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96DAD8 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 #96DAD8 looks like.

```
.text, #text, p{  
    color:#96DAD8  
}
```

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 #96DAD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96DAD8  
}
```

## Border

The CSS property to change the border of an element to Hex 96DAD8 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  
#96DAD8 }
```

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

```
.border{ border-color:#96DAD8 }
```

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

Here you see how a box with a 4 pixel #96DAD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96DAD8; -webkit-box-shadow:4px 4px  
4px 4px #96DAD8; box-shadow:4px 4px 4px  
4px #96DAD8 }
```

# Background

The CSS property to change the background color of an element to Hex 96DAD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96DAD8 }
```

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

```
.background{ background-color:#96DAD8 }
```

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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