

# Converting Colors

Hex(96DFDA)

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

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**Color**

**Hex(96DFDA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96DFDA
RGB	150, 223, 218
RGB Percent	59%, 87%, 85%
CMY	0.4118, 0.1255, 0.1451
CMYK	0.33, 0.00, 0.02, 0.13
HSL	176°, 53%, 73%
HSV	176°, 33%, 87%
XYZ	51.6202, 64.3213, 76.0243
YIQ	200.6030, -41.9030, -17.0310

# Conversions

## Conversions Part 2

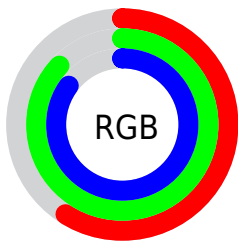
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 188, 223
Decimal	9887706
CIELab	84.13, -23.67, -4.79
CIELCh	84, 24.145, 191.436
Yxy	64.3213, 0.2689, 0.3351
Android (android.graphics.Color)	4288077786 (0xFF96DFDA)
YUV	200.6030, 8.5767, -44.3788
Hunter-Lab	80.2006, -25.4614, -0.0621

# Details

The Hex color **96DFDA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DF969B**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **CEFFFF**, and **5FA8A3** is the 20% darker color. If you saturate the color by 10%, you get **80DFD8**, and if you desaturate by 10%, it is **ACDFDC**.

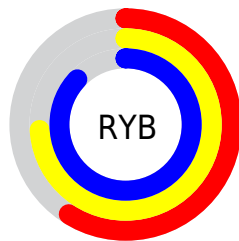
# Distribution



Red (59%)

Green (87%)

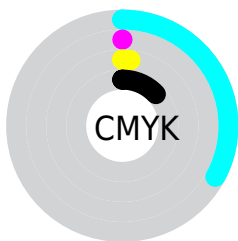
Blue (85%)



Red (59%)

Yellow (74%)

Blue (87%)

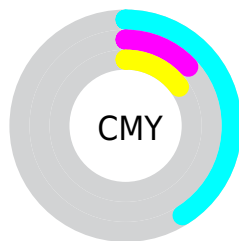


Cyan (33%)

Magenta (0%)

Yellow (2%)

Black (13%)



Cyan (41%)

Magenta (13%)

Yellow (15%)

# Brightness & Saturation Gradients

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



 96DFDA

FFFFFF

 CEFFFF

 EBFFFF

 96DFDA

 7BC3BE

 5FA8A3

 448D89

 287370

 005A57

 004340

 002C2A

 001816

 000000

 96DFDA

 96DFDA

 80DFD8

 ACDFDC

 69DFD7

 C3DFDD

 53DFD5

 D9DFDF

 3DDFD4

 EFDFE0

 27DFD2

 FFDFE2

 10DFD1

 FFDFE3

 00DFD0

 FFDFE5

 FFDFE6

 FFDFE8

# Harmonies

## Analogous

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



A8DEC3



96DFDA



94DDEF

# Triad

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



96DFDA



E1C9F4



F0CCA7

# Complementary

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



96DFDA



DF969B

# 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.



FEC5B5



96DFDA



F7C3E1

# Square

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



96DFDA



C3D1FE



FFC2CA



DAD3A5

# Rectangle

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



96DFDA



9EDAF9



FFC2CA



F6C9AB



# Sweetspot

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



96DFDA



E6FFFD



9CDF96



70807E



000000



808080



# Same Dimension

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



96DFDA



9CFFF8



96C1DF



65706F



00B0A4



00302D



# Inverse Universe

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



DF969B



FF9CA2



DFB496



706566



B0000C

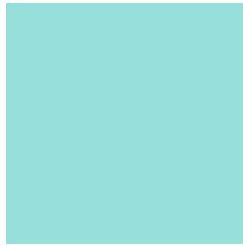


300003



# Previews

## White Background



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

## Color Contrast Check

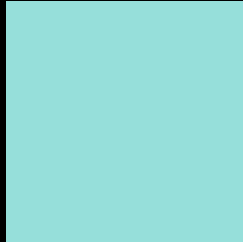
Large Text (above 18pt) WCAG AA × Fail

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 96DFDA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

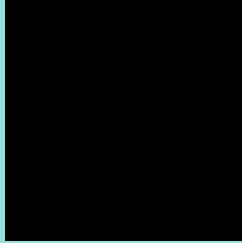
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

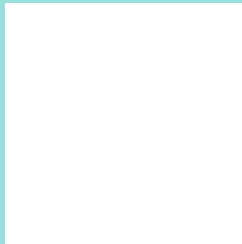
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96DFDA Background



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

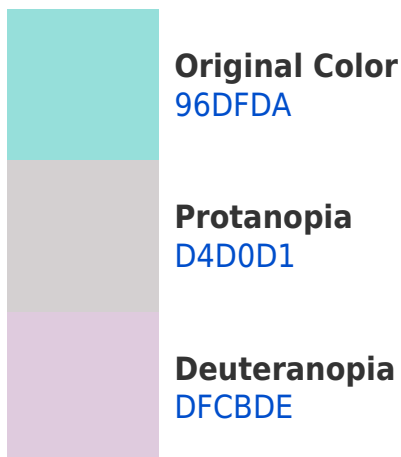


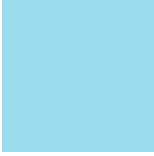
This preview shows how white text looks on a background with the Hex color 96DFDA.

# 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](#).

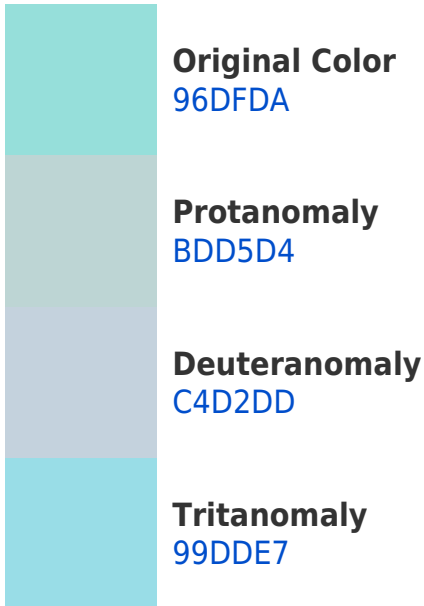
## Dichromacy



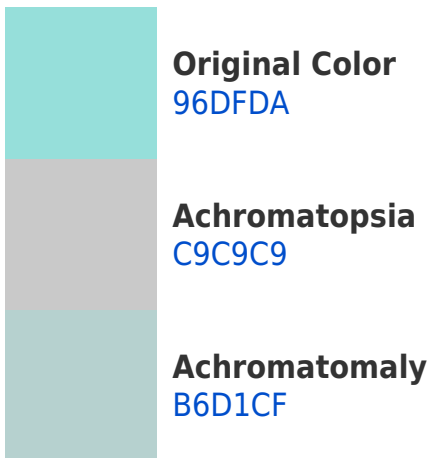


**Tritanopia**  
9BDCEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #96DFDA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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