

# Converting Colors

Hex(96D6BD)

Have a look what the booklet for  
Hex(96D6BD) contains.

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# **Color**

**Hex(96D6BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96D6BD
RGB	150, 214, 189
RGB Percent	59%, 84%, 74%
CMY	0.4118, 0.1608, 0.2588
CMYK	0.30, 0.00, 0.12, 0.16
HSL	157°, 44%, 71%
HSV	157°, 30%, 84%
XYZ	45.8096, 58.2513, 56.9733
YIQ	192.0140, -30.1190, -21.3430

# Conversions

## Conversions Part 2

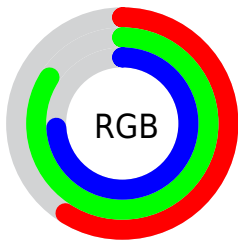
Format	Color
<a href="#">RYB</a>	<a href="#">150, 190, 214</a>
Decimal	<a href="#">9885373</a>
CIELab	<a href="#">80.88, -25.56, 5.87</a>
CIElCh	<a href="#">81, 26.223, 167.069</a>
Yxy	<a href="#">58.2513, 0.2845, 0.3617</a>
Android (android.graphics.Color)	<a href="#">4288075453 (0xFF96D6BD)</a>
YUV	<a href="#">192.0140, -1.4859, -36.8463</a>
Hunter-Lab	<a href="#">76.3225, -26.4269, 9.1669</a>

# Details

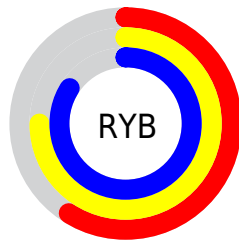
The Hex color **96D6BD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D696AF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **CEFFF5**, and **619F88** is the 20% darker color. If you saturate the color by 10%, you get **81D6B5**, and if you desaturate by 10%, it is **ABD6C5**.

# Distribution



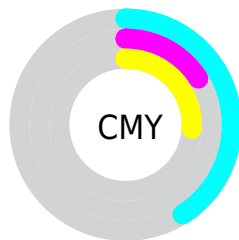
- Red (59%)
- Green (84%)
- Blue (74%)



- Red (59%)
- Yellow (75%)
- Blue (84%)



- Cyan (30%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (41%)
- Magenta (16%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96D6BD 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 96D6BD by changing the saturation by 10% instead.



 96D6BD

FFFFFF

 CEFFF5

 EAFFFF

 96D6BD

 7BBAA2

 619F88

 47856E

 2D6B56

 11533F

 003B29

 002515

 000600

 000000

 96D6BD

 96D6BD

 81D6B5

 ABD6C5

 6BD6AC

 C1D6CE

 56D6A4

 D6D6D6

 40D69C

 ECD6DE

 2BD693

 FFD6E7

 16D68B

 FFD6EF

 00D682

 FFD6F8

 FFD6FF

# Harmonies

## Analogous

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



B1D2A7



96D6BD



84D7D6

# Triad

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



96D6BD



BFC6F7



F6BCA6

# Complementary

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



96D6BD



D696AF

# 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.



FBB8BB



96D6BD



DEBEEA

# Square

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



96D6BD



9DCEF8



F3B8D4



E5C499

# Rectangle

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



96D6BD



83D5E5



F3B8D4



F9BAAC

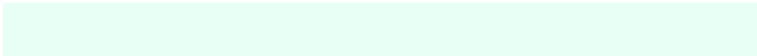


# Sweetspot

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



96D6BD



E8FFF6



B0D696



71807A



000000



808080



# Same Dimension

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



96D6BD



A3FFDB



96D0D6



606B67



00AB68



002B1A



# Inverse Universe

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



D696AF



FFA3C7



D69C96



6B6065



AB0043



2B0011



# Previews

## White Background



This preview shows how the Hex color 96D6BD looks on a white background.

## Color Contrast Check

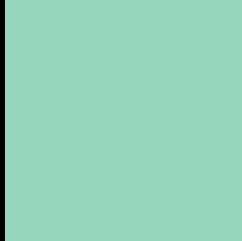
Large Text (above 18pt) WCAG AA × Fail

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 96D6BD 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

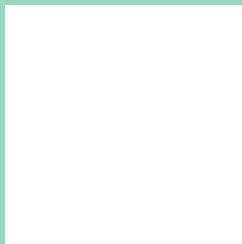
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96D6BD Background



This preview shows how black text looks on a background with the Hex color 96D6BD.

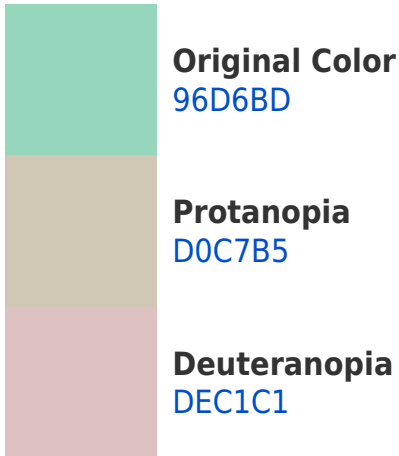


This preview shows how white text looks on a background with the Hex color 96D6BD.

# 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**  
9ED1E1

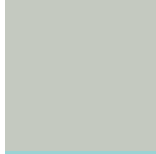
# Trichromacy



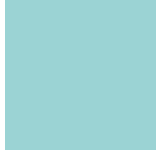
**Original Color**  
96D6BD



**Protanomaly**  
BBCCB8



**Deuteranomaly**  
C4C9C0

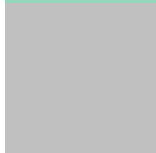


**Tritanomaly**  
9BD3D4

# Monochromacy



**Original Color**  
96D6BD



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
B1C8BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96D6BD 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 #96D6BD looks like.

```
.text, #text, p{  
    color:#96D6BD  
}
```

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 #96D6BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D6BD
}
```

## Border

The CSS property to change the border of an element to Hex 96D6BD 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
#96D6BD }
```

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

```
.border{ border-color:#96D6BD }
```

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

Here you see how a box with a 4 pixel #96D6BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D6BD; -webkit-box-shadow:4px 4px  
4px 4px #96D6BD; box-shadow:4px 4px 4px  
4px #96D6BD }
```

# Background

The CSS property to change the background color of an element to Hex 96D6BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D6BD }
```

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

```
.background{ background-color:#96D6BD }
```

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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