

Converting Colors

Hex(96D2BD)

Have a look what the booklet for
Hex(96D2BD) contains.

Hex(96D2BD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(96D2BD)

Conversions

Conversions Part 1

Format	Color
Hex	96D2BD
RGB	150, 210, 189
RGB Percent	59%, 82%, 74%
CMY	0.4118, 0.1765, 0.2588
CMYK	0.29, 0.00, 0.10, 0.18
HSL	159°, 40%, 71%
HSV	159°, 29%, 82%
XYZ	44.8096, 56.2513, 56.6400
YIQ	189.6660, -29.0190, -19.2510

Conversions

Conversions Part 2

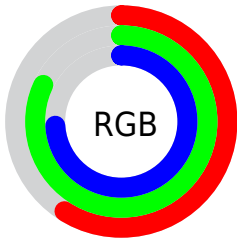
Format	Color
RYB	150, 186, 210
Decimal	9884349
CIELab	79.76, -23.60, 4.25
CIELCh	80, 23.976, 169.792
Yxy	56.2513, 0.2841, 0.3567
Android (android.graphics.Color)	4288074429 (0xFF96D2BD)
YUV	189.6660, -0.3283, -34.7871
Hunter-Lab	75.0009, -24.6060, 7.7254

Details

The Hex color **96D2BD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D296AB**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **CDFFF5**, and **619B88** is the 20% darker color. If you saturate the color by 10%, you get **81D2B6**, and if you desaturate by 10%, it is **ABD2C4**.

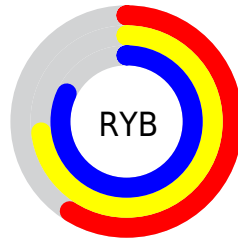
Distribution



Red (59%)

Green (82%)

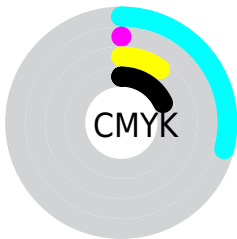
Blue (74%)



Red (59%)

Yellow (73%)

Blue (82%)

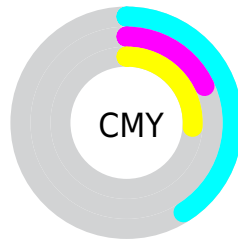


Cyan (29%)

Magenta (0%)

Yellow (10%)

Black (18%)



Cyan (41%)

Magenta (18%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96D2BD 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 96D2BD by changing the saturation by 10% instead.

 96D2BD

 96D2BD

FFFFFF

 7BB6A2

 CDFFF5

 619B88

 EAFFFF

 48816E

 2E6856

 134F3F

 003829

 002315

 000000

 96D2BD

 96D2BD

 81D2B6

 ABD2C4

 6CD2AE

 C0D2CC

 57D2A7

 D5D2D3

 42D2A0

 EAD2DA

 2DD298

 FFD2E2

 18D291

 FFD2E9

 03D28A

 FFD2F0

 00D289

 FFD2F8

 FFD2FF

Harmonies

Analogous

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



ADCFA8



96D2BD



88D2D4

Triad

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



96D2BD



BFC3F0



EEBBA4

Complementary

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



96D2BD



D296AB

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.



F4B6B8



96D2BD



DBBBE3

Square

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



96D2BD



A2CAF1



EEB6CE



DEC29A

Rectangle

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



96D2BD



88D1E1



EEB6CE



F1B9AA

Sweetspot

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



96D2BD



E8FFF7



ABD296



71807B



000000



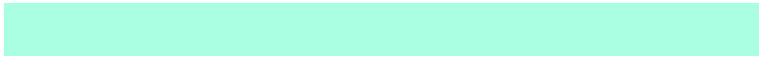
808080

Same Dimension

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



96D2BD



A8FFE1



96C9D2



5E6965



00A86D



00291B

Inverse Universe

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



D296AB



FFA8C7



D29F96



695E62



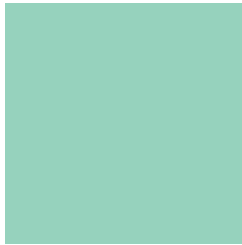
A8003B



29000E

Previews

White Background



This preview shows how the Hex color 96D2BD looks on a white background.

Color Contrast Check

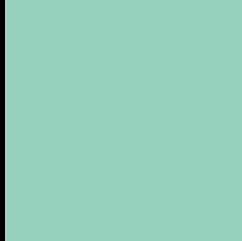
Large Text (above 18pt) WCAG AA × Fail

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 96D2BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

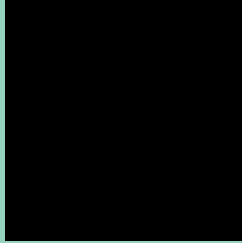
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

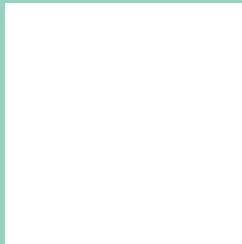
Any Text WCAG AAA ✓ Pass

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

Hex 96D2BD Background



This preview shows how black text looks on a background with the Hex color 96D2BD.



This preview shows how white text looks on a background with the Hex color 96D2BD.

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](#).

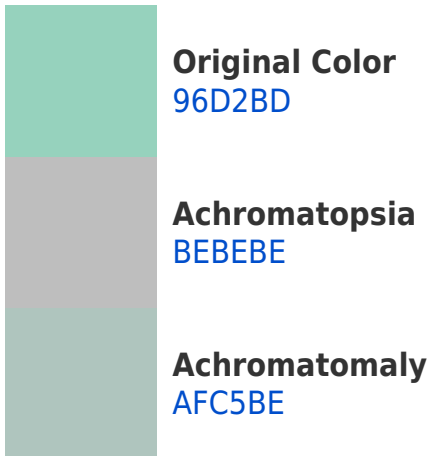
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96D2BD 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 #96D2BD looks like.

```
.text, #text, p{  
    color:#96D2BD  
}
```

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 #96D2BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D2BD
}
```

Border

The CSS property to change the border of an element to Hex 96D2BD 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
#96D2BD }
```

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

```
.border{ border-color:#96D2BD }
```

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

Here you see how a box with a 4 pixel #96D2BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D2BD; -webkit-box-shadow:4px 4px  
4px 4px #96D2BD; box-shadow:4px 4px 4px  
4px #96D2BD }
```

Background

The CSS property to change the background color of an element to Hex 96D2BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D2BD }
```

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

```
.background{ background-color:#96D2BD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor