

Converting Colors

Hex(96D2C7)

Have a look what the booklet for
Hex(96D2C7) contains.

Hex(96D2C7)	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(96D2C7)

Conversions

Conversions Part 1

Format	Color
Hex	96D2C7
RGB	150, 210, 199
RGB Percent	59%, 82%, 78%
CMY	0.4118, 0.1765, 0.2196
CMYK	0.29, 0.00, 0.05, 0.18
HSL	169°, 40%, 71%
HSV	169°, 29%, 82%
XYZ	45.9331, 56.7007, 62.5562
YIQ	190.8060, -32.2290, -16.1410

Conversions

Conversions Part 2

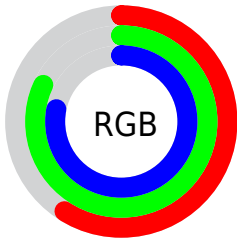
Format	Color
RYB	150, 183, 210
Decimal	9884359
CIELab	80.01, -21.47, -0.73
CIElCh	80, 21.480, 181.944
Yxy	56.7007, 0.2781, 0.3432
Android (android.graphics.Color)	4288074439 (0xFF96D2C7)
YUV	190.8060, 4.0396, -35.7869
Hunter-Lab	75.2999, -22.8895, 3.4541

Details

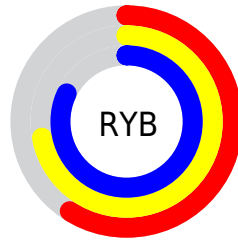
The Hex color **96D2C7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D296A1**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **CEFFFF**, and **619B91** is the 20% darker color. If you saturate the color by 10%, you get **81D2C3**, and if you desaturate by 10%, it is **ABD2CB**.

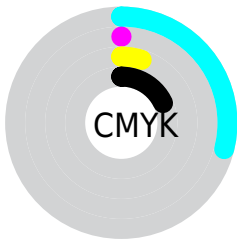
Distribution



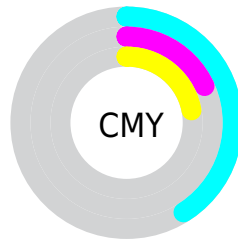
- Red (59%)
- Green (82%)
- Blue (78%)



- Red (59%)
- Yellow (72%)
- Blue (82%)



- Cyan (29%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (41%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96D2C7 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 96D2C7 by changing the saturation by 10% instead.

 96D2C7

 96D2C7

FFFFFF

 7BB6AC


 CEFFFF

 619B91

 EAFFFF

 478178

 2D685F

 115047

 003831

 00231C

 000002

 000000

 96D2C7

 96D2C7

 81D2C3

 ABD2CB

 6CD2BF

 C0D2CF

 57D2BB

 D5D2D3

 42D2B8

 EAD2D6

 2DD2B4

 FFD2DA

 18D2B0

 FFD2DE

 03D2AC

 FFD2E2

 00D2AB

 FFD2E6

 FFD2EA

Harmonies

Analogous

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



A8D0B3



96D2C7



90D1DB

Triad

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



96D2C7



CCC1E8



E6BFA4

Complementary

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



96D2C7



D296A1

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.



EFBAB2



96D2C7



E2BBDA

Square

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



96D2C7



B1C8EE



EEB8C6



D5C59F

Rectangle

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



96D2C7



95CFE5



EEB8C6



EABDA8

Sweetspot

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



96D2C7



E8FFFB



A1D296



71807D



000000



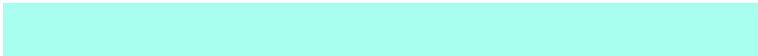
808080

Same Dimension

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



96D2C7



A8FFEF



96BFD2



5E6967



00A889



002921

Inverse Universe

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



D296A1



FFA8B8



D2A996



695E60



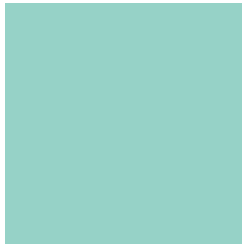
A8001F



290007

Previews

White Background



This preview shows how the Hex color 96D2C7 looks on a white background.

Color Contrast Check

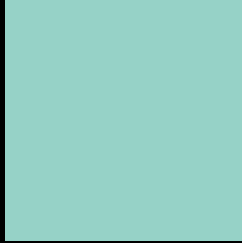
Large Text (above 18pt) WCAG AA × Fail

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 96D2C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

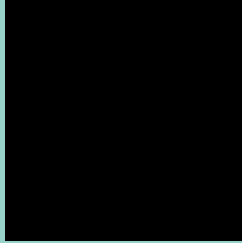
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

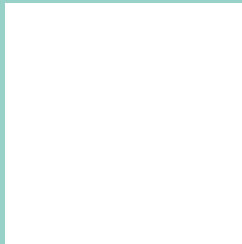
Any Text WCAG AAA ✓ Pass

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

Hex 96D2C7 Background



This preview shows how black text looks on a background with the Hex color 96D2C7.



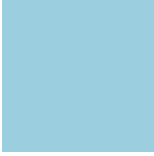
This preview shows how white text looks on a background with the Hex color 96D2C7.

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](#).

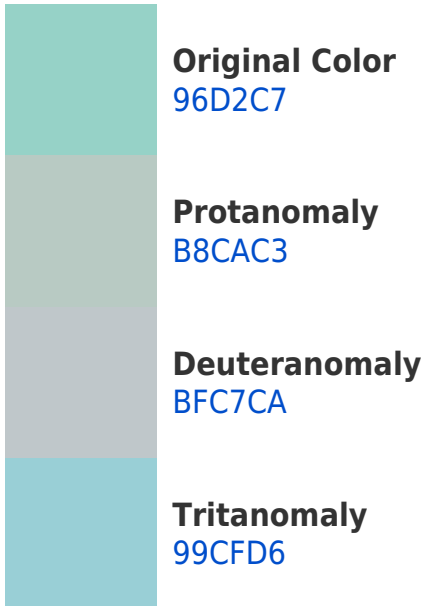
Dichromacy





Tritanopia
9BCEDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96D2C7 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 #96D2C7 looks like.

```
.text, #text, p{  
    color:#96D2C7  
}
```

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 #96D2C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D2C7
}
```

Border

The CSS property to change the border of an element to Hex 96D2C7 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
#96D2C7 }
```

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

```
.border{ border-color:#96D2C7 }
```

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

Here you see how a box with a 4 pixel #96D2C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D2C7; -webkit-box-shadow:4px 4px  
4px 4px #96D2C7; box-shadow:4px 4px 4px  
4px #96D2C7 }
```

Background

The CSS property to change the background color of an element to Hex 96D2C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D2C7 }
```

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

```
.background{ background-color:#96D2C7 }
```

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