

Converting Colors

Hex(96D7D8)

Have a look what the booklet for
Hex(96D7D8) contains.

Hex(96D7D8)	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(96D7D8)

Conversions

Conversions Part 1

Format	Color
Hex	96D7D8
RGB	150, 215, 216
RGB Percent	59%, 84%, 85%
CMY	0.4118, 0.1569, 0.1529
CMYK	0.31, 0.00, 0.00, 0.15
HSL	181°, 46%, 72%
HSV	181°, 31%, 85%
XYZ	49.2728, 60.0428, 73.9582
YIQ	195.6790, -39.0610, -13.4690

Conversions

Conversions Part 2

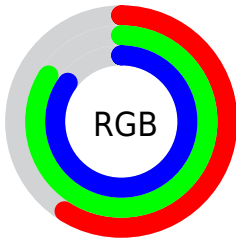
Format	Color
RYB	150, 183, 216
Decimal	9885656
CIELab	81.86, -20.16, -7.08
CIELCh	82, 21.363, 199.358
Yxy	60.0428, 0.2688, 0.3276
Android (android.graphics.Color)	4288075736 (0xFF96D7D8)
YUV	195.6790, 10.0183, -40.0605
Hunter-Lab	77.4873, -22.0977, -2.3486

Details

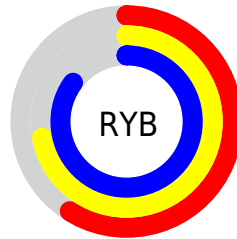
The Hex color **96D7D8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D89796**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **CEFFFF**, and **60A0A1** is the 20% darker color. If you saturate the color by 10%, you get **80D7D8**, and if you desaturate by 10%, it is **ACD7D8**.

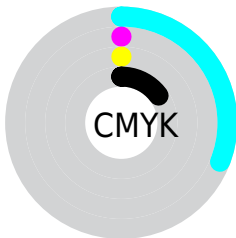
Distribution



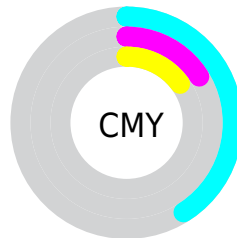
- Red (59%)
- Green (84%)
- Blue (85%)



- Red (59%)
- Yellow (72%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (41%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96D7D8 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 96D7D8 by changing the saturation by 10% instead.

 96D7D8

FFFFFF

 CEFFFF

 EBFFFF

 96D7D8

 7BBBBC

 60A0A1

 458687

 2A6C6E

 075455

 003C3E

 002628

 000D14

 000000

 96D7D8

 96D7D8

 80D7D8

 ACD7D8

 6BD6D8

 C1D8D8

 55D6D8

 D7D8D8

 40D6D8

 ECD8D8

 2AD5D8

 FFD9D8

 14D5D8

 FFDAD8

 00D5D8

Harmonies

Analogous

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



A2D7C3



96D7D8



99D5E9

Triad

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



96D7D8



DFC2E6



E2C8A5

Complementary

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



96D7D8



D89796

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.



F0C2AE



96D7D8



EFBED4

Square

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



96D7D8



C6C9F1



F6BEBF



CDCEA6

Rectangle

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



96D7D8



A4D1F0



F6BEBF



E8C6A7

Sweetspot

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



96D7D8



E8FFFF



96D896



717F80



000000



808080

Same Dimension

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



96D7D8



A1FEFF



96B7D8



606B6B



00A8AB



002B2B

Inverse Universe

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



D896D7



FFA1FE



D8B796



6B606B



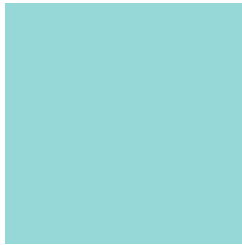
AB00A8



2B002B

Previews

White Background



This preview shows how the Hex color 96D7D8 looks on a white background.

Color Contrast Check

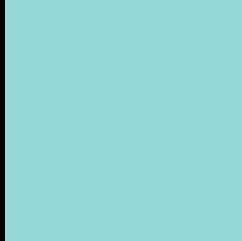
Large Text (above 18pt) WCAG AA × Fail

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 96D7D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

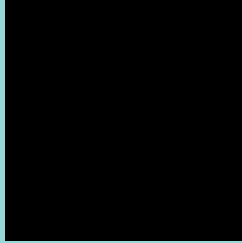
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

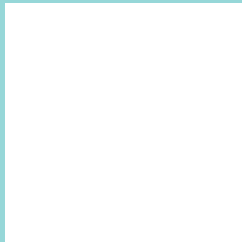
Any Text WCAG AAA ✓ Pass

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

Hex 96D7D8 Background



This preview shows how black text looks on a background with the Hex color 96D7D8.

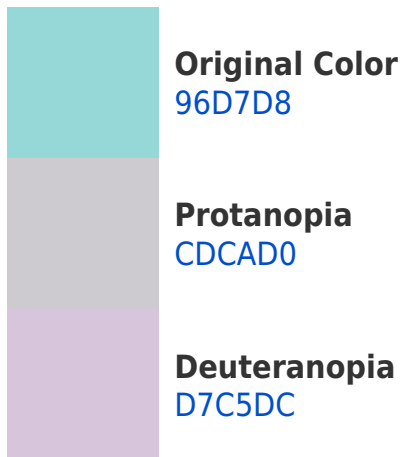


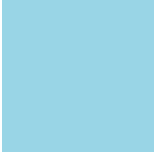
This preview shows how white text looks on a background with the Hex color 96D7D8.

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](#).

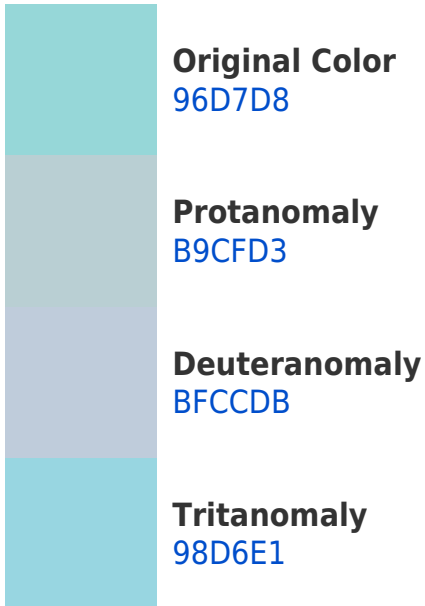
Dichromacy



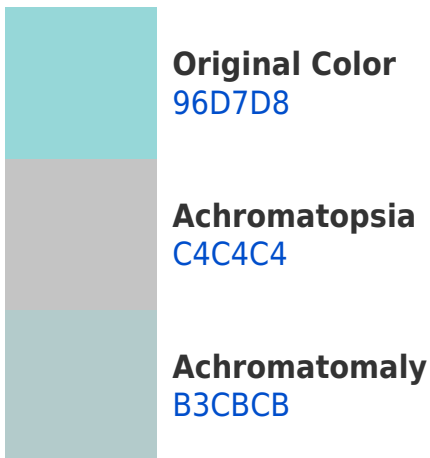


Tritanopia
99D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96D7D8 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 #96D7D8 looks like.

```
.text, #text, p{  
    color:#96D7D8  
}
```

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 #96D7D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D7D8  
}
```

Border

The CSS property to change the border of an element to Hex 96D7D8 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  
#96D7D8 }
```

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

```
.border{ border-color:#96D7D8 }
```

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

Here you see how a box with a 4 pixel #96D7D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D7D8; -webkit-box-shadow:4px 4px  
4px 4px #96D7D8; box-shadow:4px 4px 4px  
4px #96D7D8 }
```

Background

The CSS property to change the background color of an element to Hex 96D7D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D7D8 }
```

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

```
.background{ background-color:#96D7D8 }
```

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