

# Converting Colors

Hex(96D2D2)

Have a look what the booklet for  
Hex(96D2D2) contains.

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**Color**

**Hex(96D2D2)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 96D2D2                       |
| RGB         | 150, 210, 210                |
| RGB Percent | 59%, 82%, 82%                |
| CMY         | 0.4118, 0.1765, 0.1765       |
| CMYK        | 0.29, 0.00, 0.00, 0.18       |
| HSL         | 180°, 40%, 71%               |
| HSV         | 180°, 29%, 82%               |
| XYZ         | 47.2571, 57.2304, 69.5286    |
| YIQ         | 192.0600, -35.7600, -12.7200 |

# Conversions

## Conversions Part 2

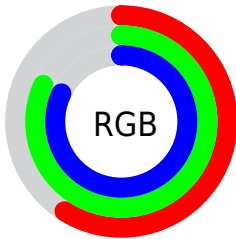
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">150, 180, 210</a>                  |
| Decimal                             | <a href="#">9884370</a>                        |
| CIELab                              | <a href="#">80.31, -19.02, -6.18</a>           |
| CIElCh                              | <a href="#">80, 19.995, 197.990</a>            |
| Yxy                                 | <a href="#">57.2304, 0.2716,<br/>0.3289</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4288074450<br/>(0xFF96D2D2)</a>    |
| YUV                                 | <a href="#">192.0600, 8.8444,<br/>-36.8866</a> |
| Hunter-Lab                          | <a href="#">75.6508, -20.8843,<br/>-1.5364</a> |

# Details

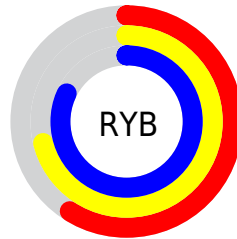
The Hex color **96D2D2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D29696**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **CEFFFF**, and **619B9C** is the 20% darker color. If you saturate the color by 10%, you get **81D2D2**, and if you desaturate by 10%, it is **ABD2D2**.

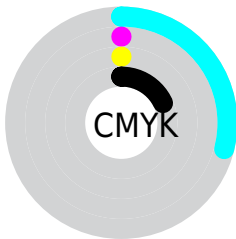
# Distribution



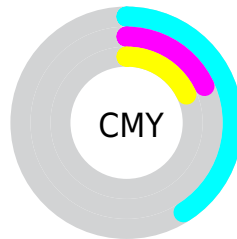
- Red (59%)
- Green (82%)
- Blue (82%)



- Red (59%)
- Yellow (71%)
- Blue (82%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 96D2D2 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 96D2D2 by changing the saturation by 10% instead.



 96D2D2

 96D2D2

FFFFFF

 7BB6B6

 CEFFFF

 619B9C

 EBFFFF

 468182

 2C6868

 0D5050

 00383A

 002324

 00030F

 000000

■ 96D2D2

■ 96D2D2

■ 81D2D2

■ ABD2D2

■ 6CD2D2

■ C0D2D2

■ 57D2D2

■ D5D2D2

■ 42D2D2

■ EAD2D2

■ 2DD2D2

■ FFD2D2

■ 18D2D2

■ 03D2D2

■ 00D2D2

# Harmonies

## Analogous

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



A1D2BF



96D2D2



98D0E2

# Triad

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



96D2D2



D8BFE0



DDC3A3

# Complementary

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



96D2D2



D29696

# 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.



EABEAC



96D2D2



E8BBD0

# Square

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



96D2D2



C1C5EB



EFBABC



CACAA4

# Rectangle

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



96D2D2



A2CDE9



EFBABC



E2C1A5



# Sweetspot

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



96D2D2



E8FFFF



96D296



718080



000000



808080



# Same Dimension

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



96D2D2



A8FFFF



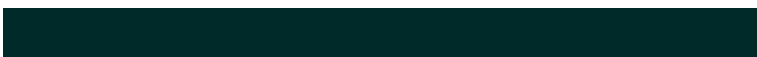
96B4D2



5E6969



00A8A8



002929



# Inverse Universe

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



D296D2



FFA8FF



D2B496



695E69



A800A8



290029



# Previews

## White Background



This preview shows how the Hex color 96D2D2 looks on a white background.

## Color Contrast Check

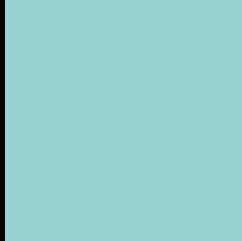
Large Text (above 18pt) WCAG AA × Fail

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 96D2D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

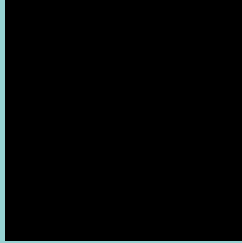
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

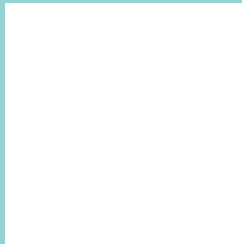
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96D2D2 Background



This preview shows how black text looks on a background with the Hex color 96D2D2.

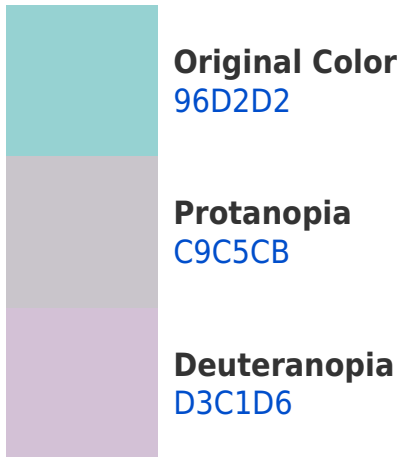


This preview shows how white text looks on a background with the Hex color 96D2D2.

# 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](#).

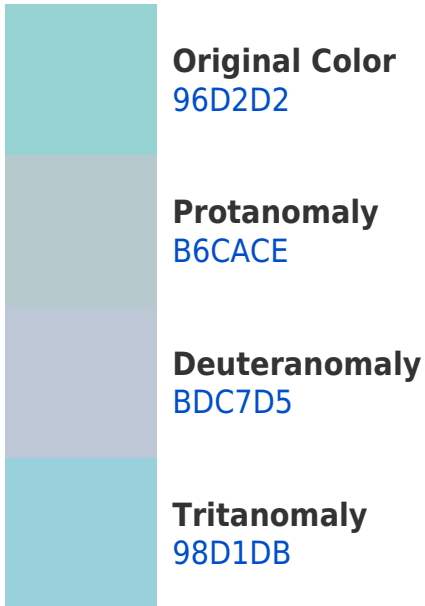
## Dichromacy



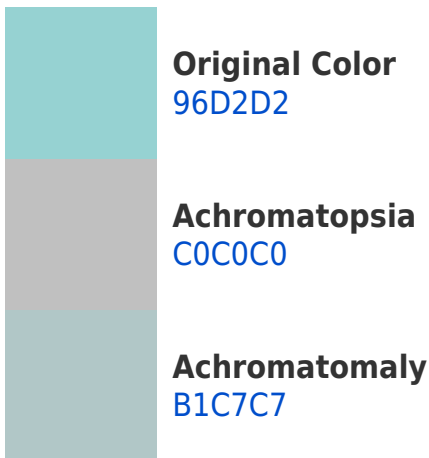


**Tritanopia**  
99D0E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96D2D2 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 #96D2D2 looks like.

```
.text, #text, p{  
    color:#96D2D2  
}
```

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 #96D2D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D2D2
}
```

## Border

The CSS property to change the border of an element to Hex 96D2D2 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
#96D2D2 }
```

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

```
.border{ border-color:#96D2D2 }
```

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

Here you see how a box with a 4 pixel #96D2D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D2D2; -webkit-box-shadow:4px 4px  
4px 4px #96D2D2; box-shadow:4px 4px 4px  
4px #96D2D2 }
```

# Background

The CSS property to change the background color of an element to Hex 96D2D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D2D2 }
```

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

```
.background{ background-color:#96D2D2 }
```

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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