

# Converting Colors

Hex(98D8C4)

Have a look what the booklet for  
Hex(98D8C4) contains.

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# **Color**

**Hex(98D8C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98D8C4
RGB	152, 216, 196
RGB Percent	60%, 85%, 77%
CMY	0.4039, 0.1529, 0.2314
CMYK	0.30, 0.00, 0.09, 0.15
HSL	161°, 45%, 72%
HSV	161°, 30%, 85%
XYZ	47.4686, 59.7727, 61.2600
YIQ	194.5840, -31.7240, -19.7880

# Conversions

## Conversions Part 2

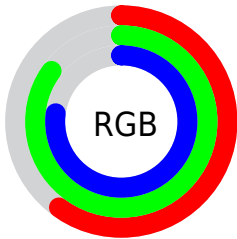
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 190, 216
Decimal	10016964
CIELab	81.71, -24.49, 3.36
CIElCh	82, 24.716, 172.175
Yxy	59.7727, 0.2817, 0.3547
Android (android.graphics.Color)	4288207044 (0xFF98D8C4)
YUV	194.5840, 0.6981, -37.3462
Hunter-Lab	77.3128, -25.7018, 7.1396

# Details

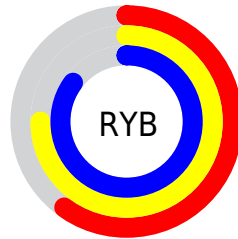
The Hex color **98D8C4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D898AC**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D0FFFD**, and **63A18E** is the 20% darker color. If you saturate the color by 10%, you get **82D8BD**, and if you desaturate by 10%, it is **AED8CB**.

# Distribution



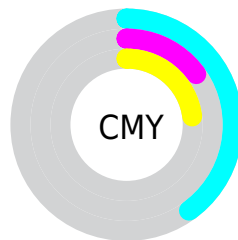
- Red (60%)
- Green (85%)
- Blue (77%)



- Red (60%)
- Yellow (75%)
- Blue (85%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (40%)
- Magenta (15%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98D8C4 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 98D8C4 by changing the saturation by 10% instead.



 98D8C4

 98D8C4

FFFFFF

 7DBCA9

 D0FFFD

 63A18E

 ECFFFF

 498775

 2F6D5C

 125445

 003D2E

 00271A

 000C00

 000000

 98D8C4

 98D8C4

 82D8BD

 AED8CB

 6DD8B7

 C3D8D2

 57D8B0

 D9D8D8

 42D8A9

 EED8DF

 2CD8A2

 FFD8E6

 16D89C

 FFD8ED

 01D895

 FFD8F3

 00D895

 FFD8FA

 FFD8FF

# Harmonies

## Analogous

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



B0D5AE



98D8C4



8BD8DC

# Triad

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



98D8C4



C7C7F6



F4C0A7

# Complementary

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



98D8C4



D898AC

# 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.



FBBB8B



98D8C4



E3C0E8

# Square

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



98D8C4



A8CFF8



F6BBD2



E2C79E

# Rectangle

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



98D8C4



8CD6E9



F6BBD2



F8BEAD

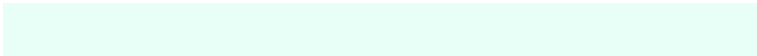


# Sweetspot

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



98D8C4



E8FFF8



ACD898



71807B



000000



808080

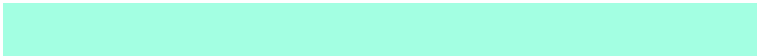


# Same Dimension

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



98D8C4



A3FFE2



98CCD8



606B68



00AB75



002B1E



# Inverse Universe

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



D898AC



FFA3C0



D8A498



6B6064



AB0035

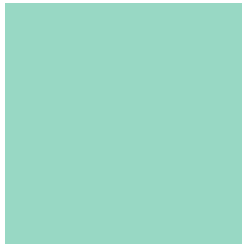


2B000E



# Previews

## White Background



This preview shows how the Hex color 98D8C4 looks on a white background.

## Color Contrast Check

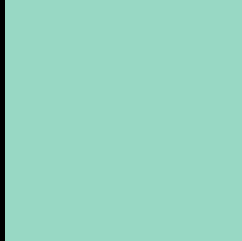
Large Text (above 18pt) WCAG AA × Fail

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 98D8C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

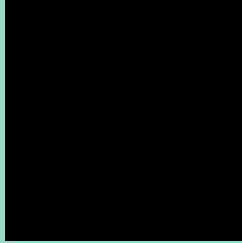
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

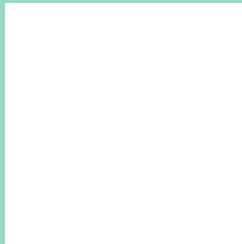
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 98D8C4 Background



This preview shows how black text looks on a background with the Hex color 98D8C4.

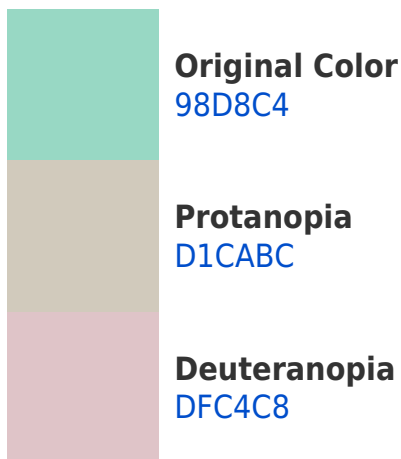


This preview shows how white text looks on a background with the Hex color 98D8C4.

# 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



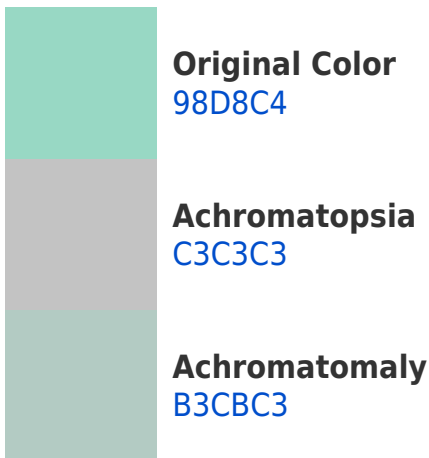


**Tritanopia**  
9FD3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98D8C4 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 #98D8C4 looks like.

```
.text, #text, p{  
    color:#98D8C4  
}
```

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 #98D8C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98D8C4
}
```

## Border

The CSS property to change the border of an element to Hex 98D8C4 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
#98D8C4 }
```

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

```
.border{ border-color:#98D8C4 }
```

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

Here you see how a box with a 4 pixel #98D8C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98D8C4; -webkit-box-shadow:4px 4px  
4px 4px #98D8C4; box-shadow:4px 4px 4px  
4px #98D8C4 }
```

# Background

The CSS property to change the background color of an element to Hex 98D8C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98D8C4 }
```

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

```
.background{ background-color:#98D8C4 }
```

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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