

# Converting Colors

Hex(C5978B)

Have a look what the booklet for  
Hex(C5978B) contains.

<b>Hex(C5978B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C5978B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5978B
RGB	197, 151, 139
RGB Percent	77%, 59%, 55%
CMY	0.2275, 0.4078, 0.4549
CMYK	0.00, 0.23, 0.29, 0.23
HSL	12°, 33%, 66%
HSV	12°, 29%, 77%
XYZ	38.7528, 35.8676, 29.3067
YIQ	163.3860, 31.2680, 6.0200

# Conversions

## Conversions Part 2

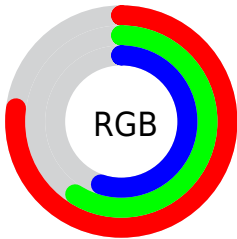
Format	Color
<a href="#">RYB</a>	<a href="#">197, 154, 139</a>
Decimal	<a href="#">12949387</a>
CIELab	<a href="#">66.42, 15.51, 12.97</a>
CIElCh	<a href="#">66, 20.215, 39.910</a>
Yxy	<a href="#">35.8676, 0.3729, 0.3451</a>
Android (android.graphics.Color)	<a href="#">4291139467 (0xFFC5978B)</a>
YUV	<a href="#">163.3860, -12.0223, 29.4795</a>
Hunter-Lab	<a href="#">59.8896, 10.6953, 12.9094</a>

# Details

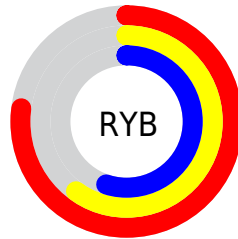
The Hex color **C5978B** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **8BB9C5**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFCDC0**, and **8E6459** is the 20% darker color. If you saturate the color by 10%, you get **C58777**, and if you desaturate by 10%, it is **C5A79F**.

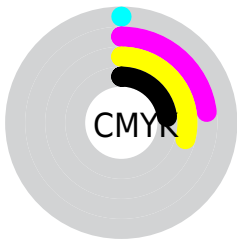
# Distribution



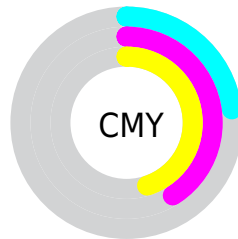
- Red (77%)
- Green (59%)
- Blue (55%)



- Red (77%)
- Yellow (60%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (29%)
- Black (23%)



- Cyan (23%)
- Magenta (41%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5978B 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 C5978B by changing the saturation by 10% instead.



 C5978B

 C5978B

FFFFFF

 A97D72

 FFCDC0

 8E6459

 FFEADC

 744C42

 FFFFF9

 5A352B

 411F17

 2B0A00

 000000

 C5978B

 C5978B

 C58777

 C5A79F

 C57864

 C5B6B2

 C56850

 C5C6C6

 C5593C

 C5D5DA

 C54928

 C5E5EE

 C53915

 C5F5FF

 C52A01

 C5FFFF

 C52900

# Harmonies

## Analogous

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



C7959C



C5978B



BA9C80

# Triad

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



C5978B



81AB94



94A1C5

# Complementary

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



C5978B



8BB9C5

# 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.



7DA7C3



C5978B



72ACA7

# Square

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



C5978B



95A785



70ABB8



AC9BBD

# Rectangle

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



C5978B



AFA07D



70ABB8



8CA3C5

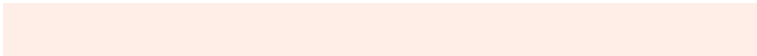


# Sweetspot

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



C5978B



FFEDE8



C58BB9



807471



000000



808080



# Same Dimension

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



C5978B



FFB8A6



C5B48B



635C5A



A32200



240700

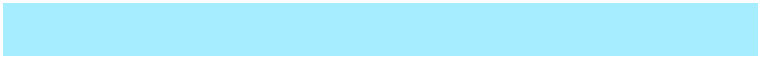


# Inverse Universe

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



8BB9C5



A6EDFF



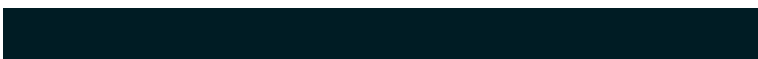
8B9CC5



5A6163



0081A3



001C24



# Previews

## White Background



This preview shows how the Hex color C5978B looks on a white background.

## Color Contrast Check

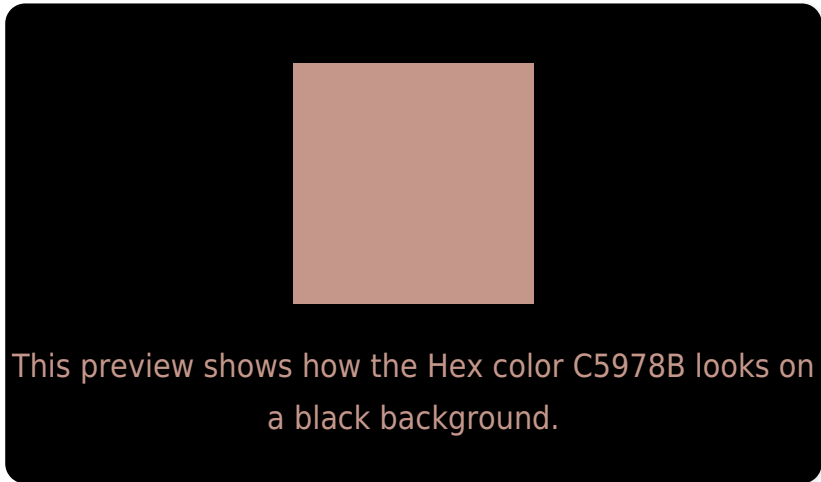
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 C5978B Background



This preview shows how black text looks on a background with the Hex color C5978B.

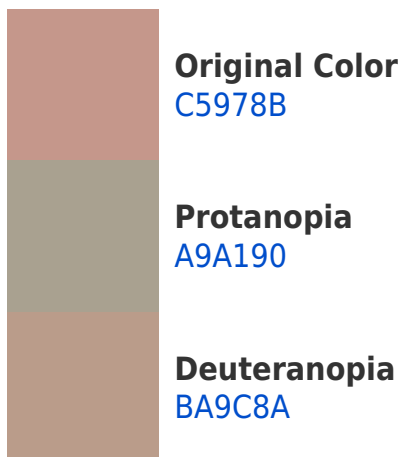


This preview shows how white text looks on a background with the Hex color C5978B.

# 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](#).

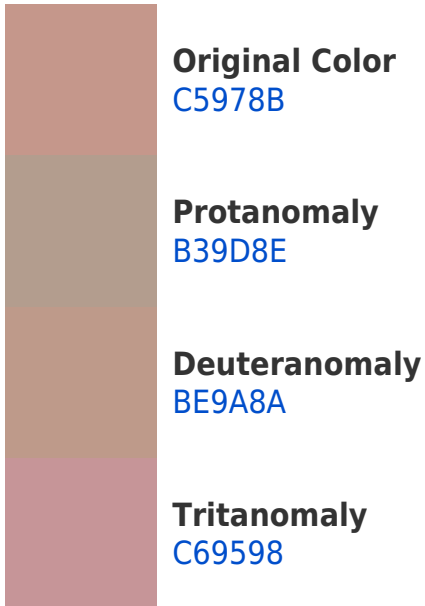
## Dichromacy



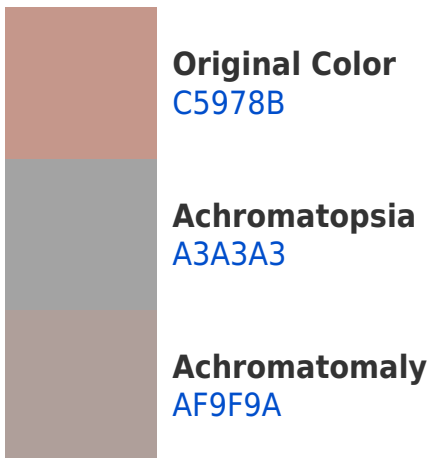


**Tritanopia**  
C7949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5978B 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 #C5978B looks like.

```
.text, #text, p{  
    color:#C5978B  
}
```

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 #C5978B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5978B
}
```

## Border

The CSS property to change the border of an element to Hex C5978B 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
#C5978B }
```

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

```
.border{ border-color:#C5978B }
```

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

Here you see how a box with a 4 pixel #C5978B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5978B; -webkit-box-shadow:4px 4px  
4px 4px #C5978B; box-shadow:4px 4px 4px  
4px #C5978B }
```

# Background

The CSS property to change the background color of an element to Hex C5978B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5978B }
```

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

```
.background{ background-color:#C5978B }
```

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