

Converting Colors

Hex(5B9978)

Have a look what the booklet for
Hex(5B9978) contains.

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Color

Hex(5B9978)

Conversions

Conversions Part 1

Format	Color
Hex	5B9978
RGB	91, 153, 120
RGB Percent	36%, 60%, 47%
CMY	0.6431, 0.4000, 0.5294
CMYK	0.41, 0.00, 0.22, 0.40
HSL	148°, 25%, 48%
HSV	148°, 41%, 60%
XYZ	19.0958, 26.3627, 21.8514
YIQ	130.7000, -26.3590, -23.4070

Conversions

Conversions Part 2

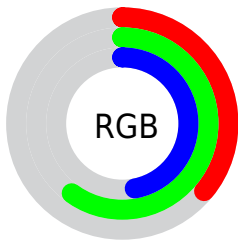
Format	Color
R_{YB}	91, 133, 153
Decimal	6003064
CIE _{Lab}	58.38, -27.76, 11.15
CIE _{LCh}	58, 29.913, 158.122
Yxy	26.3627, 0.2837, 0.3917
Android (android.graphics.Color)	4284193144 (0xFF5B9978)
YUV	130.7000, -5.2751, -34.8169
Hunter-Lab	51.3446, -23.4664, 10.7084

Details

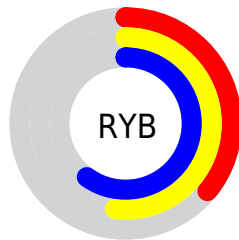
The Hex color **5B9978** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **995B7C**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **90D0AC**, and **286547** is the 20% darker color. If you saturate the color by 10%, you get **4C9970**, and if you desaturate by 10%, it is **6A9980**.

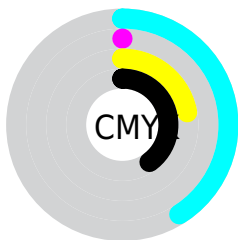
Distribution



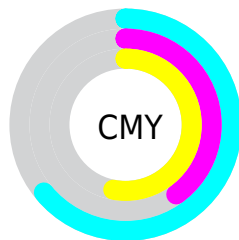
- Red (36%)
- Green (60%)
- Blue (47%)



- Red (36%)
- Yellow (52%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (22%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9978 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 5B9978 by changing the saturation by 10% instead.



5B9978



5B9978

FFFFFF



417F5F



90D0AC



286547



ABECC8



094D31



C7FFE4



00361C



E4FFFF



002102



000000



5B9978



5B9978



4C9970



6A9980



3C9968



7A9988

 2D9960

 899990

 1E9957

 989999

 0E994F

 A899A1

 009948

 B799A9

 C699B1

 D599B9

 E599C1

Harmonies

Analogous

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



7B9462



5B9978



3B9B93

Triad

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



5B9978



738CC0



BD7C6D

Complementary

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



5B9978



995B7C

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.



BF7886



5B9978



9983B6

Square

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



5B9978



4994BC



B37BA0



AE845C

Rectangle

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



5B9978



2D9AA4



B37BA0



BF7A75

Sweetspot

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



5B9978



AFC7BA



7C995B



56635C



E3E3E3



636363

Same Dimension

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



5B9978



65C793



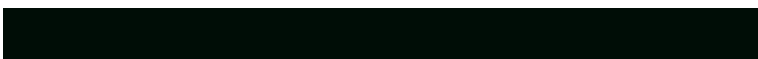
5B9997



454D48



008C42



000D06

Inverse Universe

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



995B7C



C76599



995B5D



4D4549



8C004B



0D0007

Previews

White Background



This preview shows how the Hex color 5B9978 looks on a white background.

Color Contrast Check

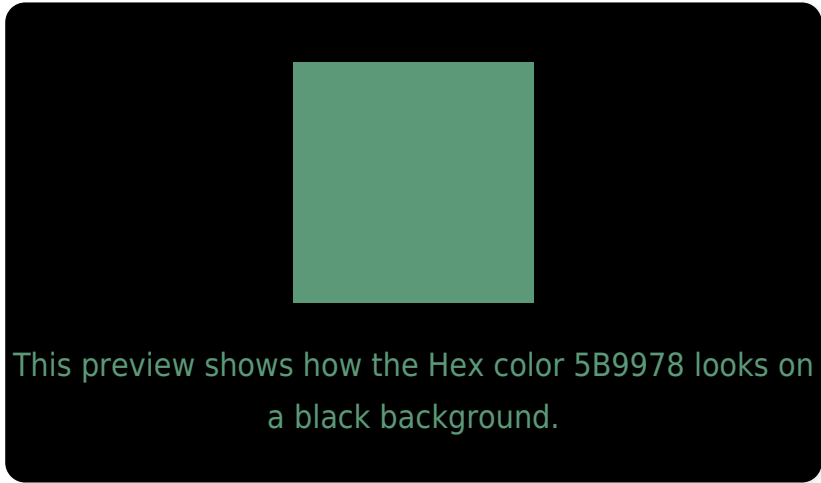
Large Text (above 18pt) WCAG AA ✓ Pass

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

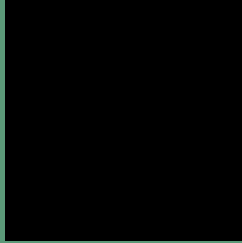
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5B9978 Background



This preview shows how black text looks on a background with the Hex color 5B9978.

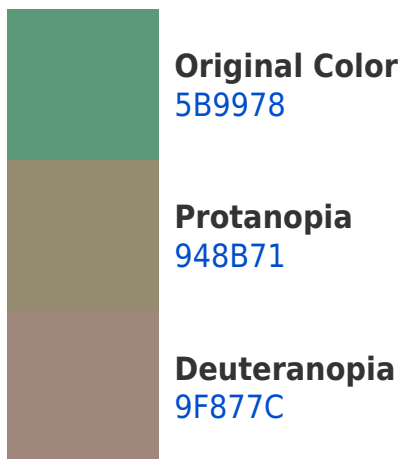


This preview shows how white text looks on a background with the Hex color 5B9978.

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



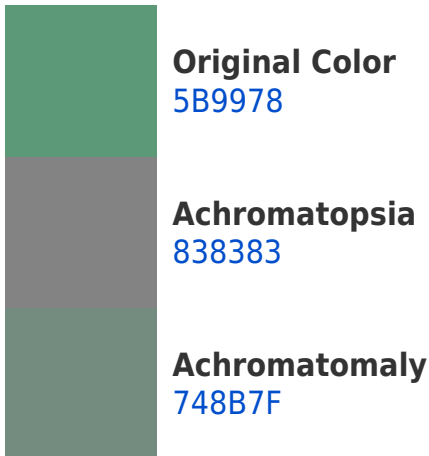


Tritanopia
6494A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9978 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 #5B9978 looks like.

```
.text, #text, p{  
    color:#5B9978  
}
```

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 #5B9978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9978
}
```

Border

The CSS property to change the border of an element to Hex 5B9978 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
#5B9978 }
```

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

```
.border{ border-color:#5B9978 }
```

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

Here you see how a box with a 4 pixel #5B9978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9978; -webkit-box-shadow:4px 4px  
4px 4px #5B9978; box-shadow:4px 4px 4px  
4px #5B9978 }
```

Background

The CSS property to change the background color of an element to Hex 5B9978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9978 }
```

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

```
.background{ background-color:#5B9978 }
```

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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