

# Converting Colors

Hex(4E9D84)

Have a look what the booklet for  
Hex(4E9D84) contains.

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# Color

**Hex(4E9D84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E9D84
RGB	78, 157, 132
RGB Percent	31%, 62%, 52%
CMY	0.6941, 0.3843, 0.4824
CMYK	0.50, 0.00, 0.16, 0.38
HSL	161°, 34%, 46%
HSV	161°, 50%, 62%
XYZ	19.3637, 27.3996, 26.0979
YIQ	130.5290, -39.0590, -24.5230

# Conversions

## Conversions Part 2

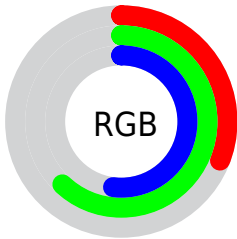
Format	Color
<b>RYB</b>	78, 125, 157
Decimal	5152132
CIELab	59.34, -30.54, 5.67
CIElCh	59, 31.065, 169.492
Yxy	27.3996, 0.2658, 0.3761
Android (android.graphics.Color)	4283342212 (0xFF4E9D84)
YUV	130.5290, 0.7252, -46.0679
Hunter-Lab	52.3446, -25.5710, 7.0805

# Details

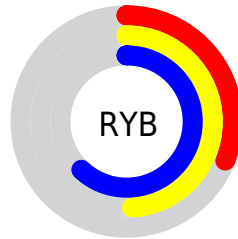
The Hex color **4E9D84** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D4E67**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **84D4B9**, and **116953** is the 20% darker color. If you saturate the color by 10%, you get **3E9D7F**, and if you desaturate by 10%, it is **5E9D89**.

# Distribution



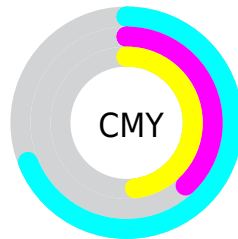
- Red (31%)
- Green (62%)
- Blue (52%)



- Red (31%)
- Yellow (49%)
- Blue (62%)



- Cyan (50%)
- Magenta (0%)
- Yellow (16%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E9D84 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 4E9D84 by changing the saturation by 10% instead.





4E9D84



4E9D84

FFFFFF



32836B



84D4B9



116953



A0F1D5



00503C



BCFFF1



003926



D9FFFF



002411



F6FFFF



000000



4E9D84



4E9D84



3E9D7F



5E9D89



2F9D7A



6D9D8E

■ 1F9D75

■ 7D9D93

■ 0F9D70

■ 8D9D98

■ 009D6B

■ 9D9D9D

■ AC9DA2

■ BC9DA7

■ CC9DAC

■ DB9DB1

# Harmonies

## Analogous

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



70996B



4E9D84



2E9DA0

# Triad

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



4E9D84



848BC2



BD8166

# Complementary

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



4E9D84



9D4E67

# 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.



C57B7E



4E9D84



A882B3

# Square

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



4E9D84



5994C4



BE7B9A



AA8A59

# Rectangle

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



4E9D84



299CB1



BE7B9A



C17E6D



# Sweetspot

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



4E9D84



ADCCC2



679D4E



546660



E6E6E6



666666



# Same Dimension

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



4E9D84



52CCA5



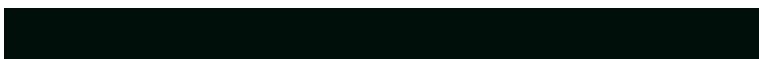
4E8F9D



474F4D



008F62



000F0A



# Inverse Universe

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



9D4E67



CC5278



9D5C4E



4F474A



8F002D

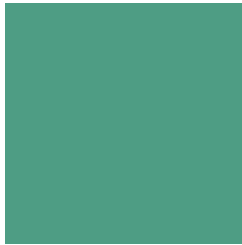


0F0005



# Previews

## White Background



This preview shows how the Hex color 4E9D84 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

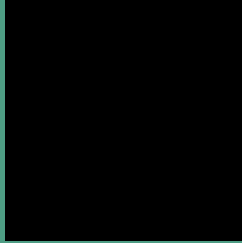
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4E9D84 Background



This preview shows how black text looks on a background with the Hex color 4E9D84.

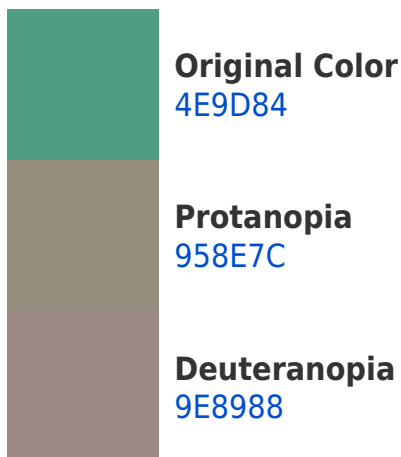


This preview shows how white text looks on a background with the Hex color 4E9D84.

# 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**  
5898A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E9D84 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 #4E9D84 looks like.

```
.text, #text, p{  
    color:#4E9D84  
}
```

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 #4E9D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E9D84
}
```

## Border

The CSS property to change the border of an element to Hex 4E9D84 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
#4E9D84 }
```

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

```
.border{ border-color:#4E9D84 }
```

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

Here you see how a box with a 4 pixel #4E9D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E9D84; -webkit-box-shadow:4px 4px  
4px 4px #4E9D84; box-shadow:4px 4px 4px  
4px #4E9D84 }
```

# Background

The CSS property to change the background color of an element to Hex 4E9D84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E9D84 }
```

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

```
.background{ background-color:#4E9D84 }
```

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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