

Converting Colors

Hex(4E9783)

Have a look what the booklet for
Hex(4E9783) contains.

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Color

Hex(4E9783)

Conversions

Conversions Part 1

Format	Color
Hex	4E9783
RGB	78, 151, 131
RGB Percent	31%, 59%, 51%
CMY	0.6941, 0.4078, 0.4863
CMYK	0.48, 0.00, 0.13, 0.41
HSL	164°, 32%, 45%
HSV	164°, 48%, 59%
XYZ	18.3052, 25.3916, 25.4090
YIQ	126.8930, -37.0880, -21.6960

Conversions

Conversions Part 2

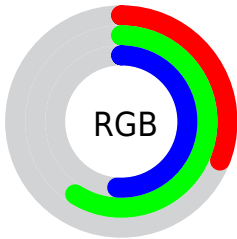
Format	Color
R_{YB}	78, 120, 151
Decimal	5150595
CIE _{Lab}	57.46, -27.87, 3.51
CIE _{LCh}	57, 28.091, 172.814
Yxy	25.3916, 0.2649, 0.3674
Android (android.graphics.Color)	4283340675 (0xFF4E9783)
YUV	126.8930, 2.0248, -42.8792
Hunter-Lab	50.3901, -23.3389, 5.3763

Details

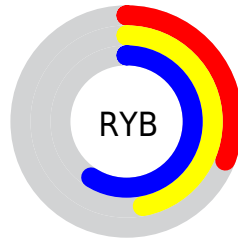
The Hex color **4E9783** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **974E62**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **84CEB8**, and **146452** is the 20% darker color. If you saturate the color by 10%, you get **3F977F**, and if you desaturate by 10%, it is **5D9787**.

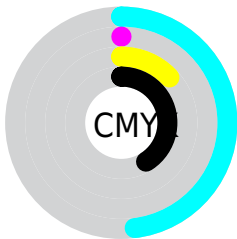
Distribution



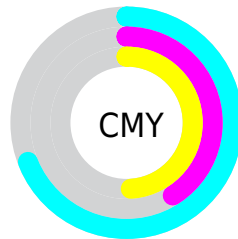
- Red (31%)
- Green (59%)
- Blue (51%)



- Red (31%)
- Yellow (47%)
- Blue (59%)



- Cyan (48%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)



- Cyan (69%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E9783 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 4E9783 by changing the saturation by 10% instead.

 4E9783

 4E9783

FFFFFF

 337D6A

 84CEB8

 146452

 9FEAD4

 004B3B

 BBFFF0

 003425

 D8FFFF

 002010

 F5FFFF

 000000

 4E9783

 4E9783

 3F977F

 5D9787

 30977B

 6C978B

■ 219777

■ 7B978F

■ 129772

■ 8A9794

■ 03976E

■ 9A9798

■ 00976E

■ A9979C

■ B897A0

■ C797A4

■ D697A8

Harmonies

Analogous

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



6B946C



4E9783



37979C

Triad

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



4E9783



8586B7



B27E64

Complementary

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



4E9783



974E62

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.



BB7878



4E9783



A37DA8

Square

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



4E9783



5F8EBA



B67891



A08659

Rectangle

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



4E9783



3795AA



B67891



B67C6A

Sweetspot

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



4E9783



A7C4BC



63974E



52635F



E3E3E3



636363

Same Dimension

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



4E9783



52C4A5



4E8797



454D4A



008C66



000D09

Inverse Universe

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



974E62



C45272



975E4E



4D4547



8C0026



0D0003

Previews

White Background



This preview shows how the Hex color 4E9783 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 4E9783 Background



This preview shows how black text looks on a background with the Hex color 4E9783.

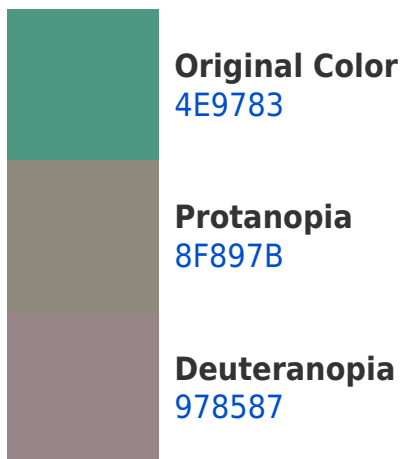


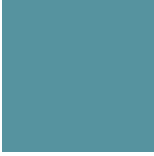
This preview shows how white text looks on a background with the Hex color 4E9783.

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



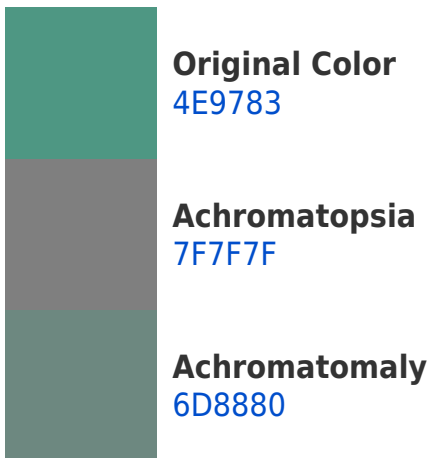


Tritanopia
56939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E9783 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 #4E9783 looks like.

```
.text, #text, p{  
    color:#4E9783  
}
```

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 #4E9783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E9783
}
```

Border

The CSS property to change the border of an element to Hex 4E9783 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
#4E9783 }
```

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

```
.border{ border-color:#4E9783 }
```

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

Here you see how a box with a 4 pixel #4E9783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E9783; -webkit-box-shadow:4px 4px  
4px 4px #4E9783; box-shadow:4px 4px 4px  
4px #4E9783 }
```

Background

The CSS property to change the background color of an element to Hex 4E9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E9783 }
```

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

```
.background{ background-color:#4E9783 }
```

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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