

Converting Colors

Hex(48997E)

Have a look what the booklet for
Hex(48997E) contains.

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Color

Hex(48997E)

Conversions

Conversions Part 1

Format	Color
Hex	48997E
RGB	72, 153, 126
RGB Percent	28%, 60%, 49%
CMY	0.7176, 0.4000, 0.5059
CMYK	0.53, 0.00, 0.18, 0.40
HSL	160°, 36%, 44%
HSV	160°, 53%, 60%
XYZ	17.8296, 25.6665, 23.7531
YIQ	125.7030, -39.6090, -25.5690

Conversions

Conversions Part 2

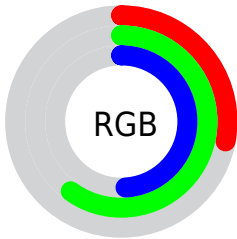
Format	Color
RYB	72, 121, 153
Decimal	4757886
CIELab	57.72, -31.53, 6.70
CIElCh	58, 32.237, 167.996
Yxy	25.6665, 0.2651, 0.3817
Android (android.graphics.Color)	4282947966 (0xFF48997E)
YUV	125.7030, 0.1464, -47.0975
Hunter-Lab	50.6622, -25.8390, 7.6652

Details

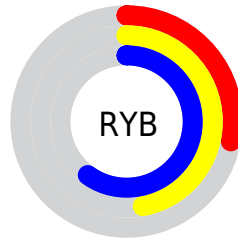
The Hex color **48997E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **994863**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7ED0B3**, and **05654D** is the 20% darker color. If you saturate the color by 10%, you get **399979**, and if you desaturate by 10%, it is **579983**.

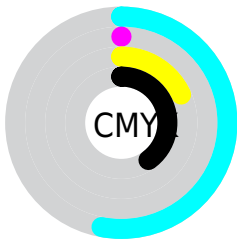
Distribution



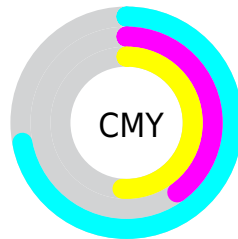
- Red (28%)
- Green (60%)
- Blue (49%)



- Red (28%)
- Yellow (47%)
- Blue (60%)



- Cyan (53%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)



- Cyan (72%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48997E 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 48997E by changing the saturation by 10% instead.

 48997E

 48997E

FFFFFF

 2C7F65

 7ED0B3

 05654D

 9AECCE

 004D36

 B6FFEA

 003521

 D3FFFF

 00220A

 F0FFFF

 000000

 48997E

 48997E

 399979

 579983

 299974

 679988

■ 1A996F

■ 76998D

■ 0B996A

■ 859992

■ 009966

■ 949998

■ A4999D

■ B399A2

■ C299A7

■ D299AC

Harmonies

Analogous

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



6C9564



48997E



1F9A9B

Triad

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



48997E



7D88C0



BA7B62

Complementary

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



48997E



994863

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.



C2757B



48997E



A37DB1

Square

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



48997E



4E91C1



BA7697



A78554

Rectangle

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



48997E



1198AC



BA7697



BE7969

Sweetspot

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



48997E



A7C7BC



639948



51635D



E3E3E3



636363

Same Dimension

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



48997E



48C79C



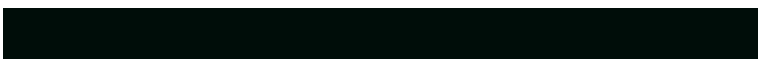
488B99



454D4A



008C5E



000D09

Inverse Universe

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



994863



C74872



995648



4D4547



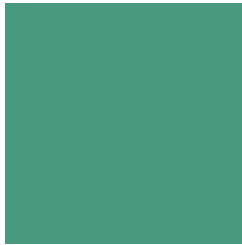
8C002F



0D0004

Previews

White Background



This preview shows how the Hex color 48997E looks on a white background.

Color Contrast Check

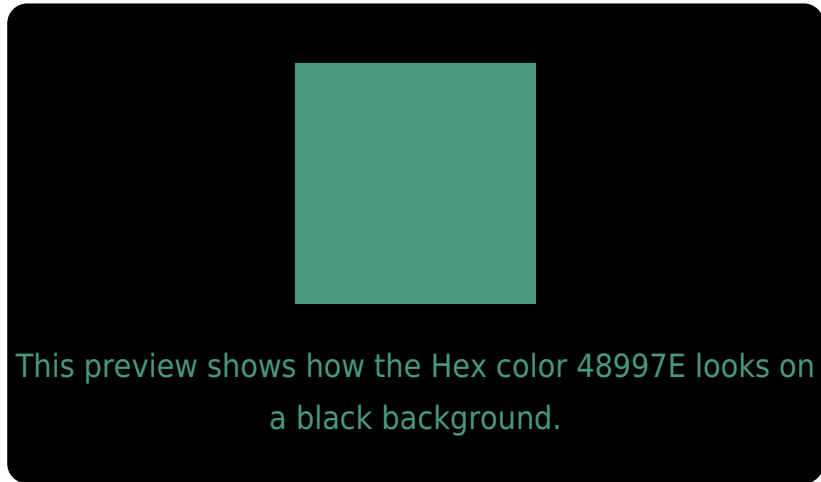
Large Text (above 18pt) WCAG AA ✓ Pass

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 48997E Background



This preview shows how black text looks on a background with the Hex color 48997E.

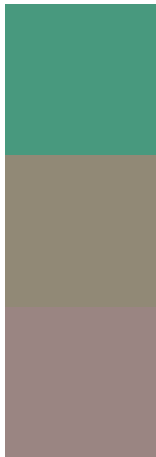


This preview shows how white text looks on a background with the Hex color 48997E.

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



Original Color
48997E

Protanopia
918976

Deuteranopia
9A8582



Tritanopia
5394A0

Trichromacy



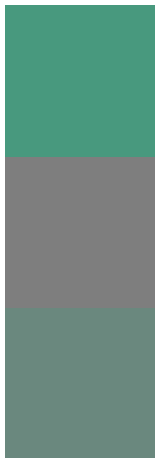
Original Color
48997E

Protanomaly
768F79

Deuteranomaly
7C8C81

Tritanomaly
4F9694

Monochromacy



Original Color
48997E

Achromatopsia
7E7E7E

Achromatomaly
6A887E

CSS Examples

Text

The CSS property to change the color of the text to Hex 48997E 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 #48997E looks like.

```
.text, #text, p{  
    color:#48997E  
}
```

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 #48997E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48997E
}
```

Border

The CSS property to change the border of an element to Hex 48997E 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
#48997E }
```

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

```
.border{ border-color:#48997E }
```

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

Here you see how a box with a 4 pixel #48997E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48997E; -webkit-box-shadow:4px 4px  
4px 4px #48997E; box-shadow:4px 4px 4px  
4px #48997E }
```

Background

The CSS property to change the background color of an element to Hex 48997E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48997E }
```

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

```
.background{ background-color:#48997E }
```

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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