

Converting Colors

Hex(47986E)

Have a look what the booklet for
Hex(47986E) contains.

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Color

Hex(47986E)

Conversions

Conversions Part 1

Format	Color
Hex	47986E
RGB	71, 152, 110
RGB Percent	28%, 60%, 43%
CMY	0.7216, 0.4039, 0.5686
CMYK	0.53, 0.00, 0.28, 0.40
HSL	149°, 36%, 44%
HSV	149°, 53%, 60%
XYZ	16.6412, 24.9219, 18.6852
YIQ	122.9930, -34.7940, -30.2340

Conversions

Conversions Part 2

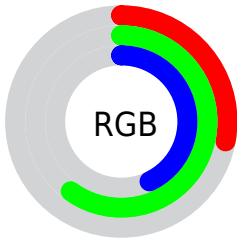
Format	Color
RYB	71, 126, 152
Decimal	4692078
CIELab	57.00, -34.93, 14.72
CIElCh	57, 37.909, 157.152
Yxy	24.9219, 0.2762, 0.4137
Android (android.graphics.Color)	4282882158 (0xFF47986E)
YUV	122.9930, -6.4055, -45.5979
Hunter-Lab	49.9218, -27.8608, 12.7537

Details

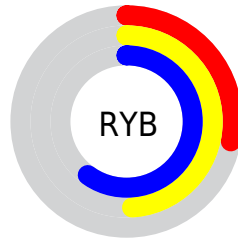
The Hex color **47986E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **984771**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **7DCFA2**, and **05643E** is the 20% darker color. If you saturate the color by 10%, you get **389866**, and if you desaturate by 10%, it is **569876**.

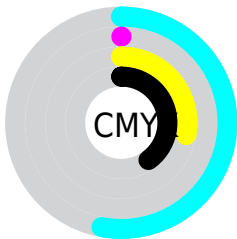
Distribution



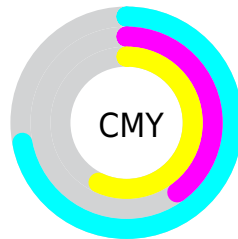
- Red (28%)
- Green (60%)
- Blue (43%)



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



- Cyan (53%)
- Magenta (0%)
- Yellow (28%)
- Black (40%)



- Cyan (72%)
- Magenta (40%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47986E 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 47986E by changing the saturation by 10% instead.

 47986E

 47986E

FFFFFF

 2B7E56

 7DCFA2

 05643E

 99EBBD

 004C28

 B5FFD9

 003413

 D1FFF5

 002000

 EEEFFF

 000000

 47986E

 47986E

 389866

 569876

 29985E

 65987E

■ 199856

■ 759886

■ 0A984E

■ 84988E

■ 009849

■ 939895

■ A2989D

■ B198A5

■ C198AD

■ D098B5

Harmonies

Analogous

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



729253



47986E



009A90

Triad

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



47986E



628ACA



C47363

Complementary

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



47986E



984771

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.



C76E82



47986E



967DBE

Square

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



47986E



0093C5



B872A3



B27E4C

Rectangle

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



47986E



0099A6



B872A3



C7706C

Sweetspot

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



47986E



A5C4B4



729847



51635A



E3E3E3



636363

Same Dimension

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



47986E



47C483



479895



454D49



008C44



000D06

Inverse Universe

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



984771



C44788



98474A



4D4549



8C0049



0D0007

Previews

White Background



This preview shows how the Hex color 47986E looks on a white background.

Color Contrast Check

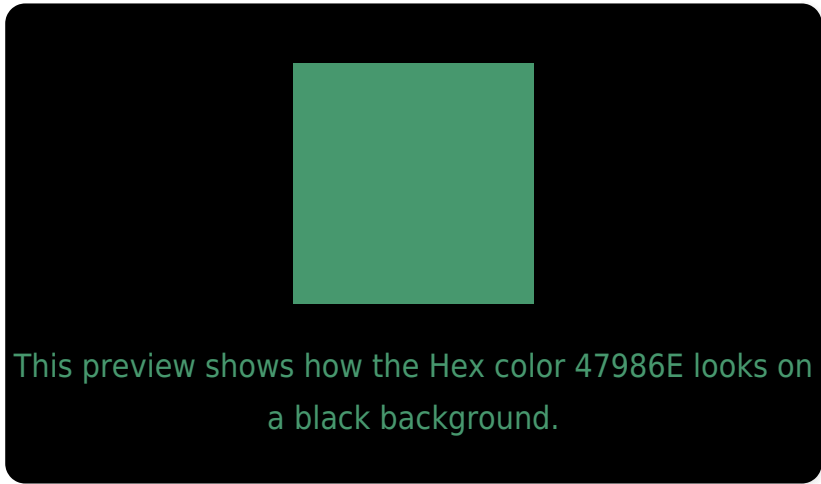
Large Text (above 18pt) WCAG AA ✓ Pass

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

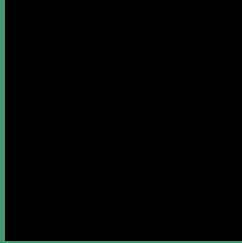
Any Text WCAG AA ✓ Pass

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 47986E Background



This preview shows how black text looks on a background with the Hex color 47986E.



This preview shows how white text looks on a background with the Hex color 47986E.

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](#).

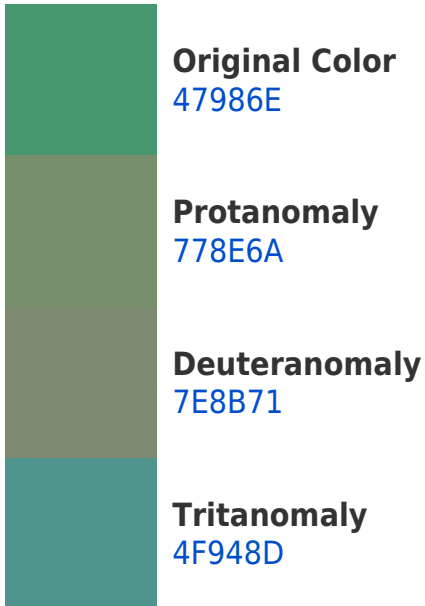
Dichromacy





Tritanopia
54929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 47986E 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 #47986E looks like.

```
.text, #text, p{  
    color:#47986E  
}
```

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 #47986E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47986E
}
```

Border

The CSS property to change the border of an element to Hex 47986E 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
#47986E }
```

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

```
.border{ border-color:#47986E }
```

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

Here you see how a box with a 4 pixel #47986E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47986E; -webkit-box-shadow:4px 4px  
4px 4px #47986E; box-shadow:4px 4px 4px  
4px #47986E }
```

Background

The CSS property to change the background color of an element to Hex 47986E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47986E }
```

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

```
.background{ background-color:#47986E }
```

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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