

Converting Colors

Hex(47776B)

Have a look what the booklet for
Hex(47776B) contains.

Hex(47776B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(47776B)

Conversions

Conversions Part 1

Format	Color
Hex	47776B
RGB	71, 119, 107
RGB Percent	28%, 47%, 42%
CMY	0.7216, 0.5333, 0.5804
CMYK	0.40, 0.00, 0.10, 0.53
HSL	165°, 25%, 37%
HSV	165°, 40%, 47%
XYZ	11.8492, 15.5948, 16.2955
YIQ	103.2800, -24.7560, -13.9080

Conversions

Conversions Part 2

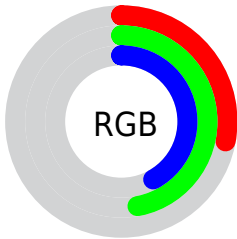
Format	Color
R_{YB}	71, 98, 119
Decimal	4683627
CIE _{Lab}	46.44, -19.35, 1.47
CIE _{LCh}	46, 19.408, 175.666
Yxy	15.5948, 0.2709, 0.3565
Android (android.graphics.Color)	4282873707 (0xFF47776B)
YUV	103.2800, 1.8340, -28.3096
Hunter-Lab	39.4902, -15.5483, 3.1774

Details

The Hex color **47776B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **774753**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7AAB9E**, and **15463C** is the 20% darker color. If you saturate the color by 10%, you get **3B7768**, and if you desaturate by 10%, it is **53776E**.

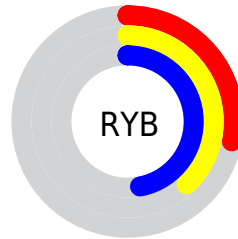
Distribution



Red (28%)

Green (47%)

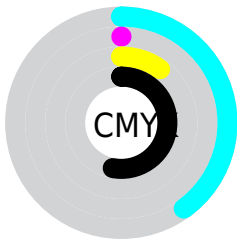
Blue (42%)



Red (28%)

Yellow (38%)

Blue (47%)

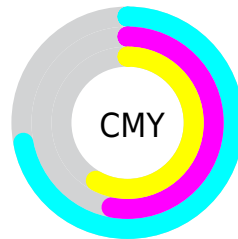


Cyan (40%)

Magenta (0%)

Yellow (10%)

Black (53%)



Cyan (72%)

Magenta (53%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47776B 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 47776B by changing the saturation by 10% instead.



47776B



47776B

FFFFFF



2E5E53



7AAB9E



15463C



94C7B9



003026



AFE3D5



001C11



CBFFF1



000000



E8FFFF



47776B



47776B



3B7768



53776E



2F7765



5F7771

■ 237762

■ 6B7774

■ 17775F

■ 777777

■ 0B775C

■ 83777A

■ 007759

■ 8E777D

■ 9A7780

■ A67783

■ B27786

Harmonies

Analogous

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



58755B



47776B



3D777C

Triad

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



47776B



6D6B8B



896754

Complementary

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



47776B



774753

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.



8F6361



47776B



816581

Square

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



47776B



56708E



8C6271



7C6C4E

Rectangle

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



47776B



3F7685



8C6271



8C6557

Sweetspot

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



47776B



899C97



537747



444F4C



CFCFCF



4F4F4F

Same Dimension

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



47776B



519C89



476B77



353B39



007A5C



00FABB

Inverse Universe

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



774753



9C5164



775347



3B3536



7A001F



FA003E

Previews

White Background



This preview shows how the Hex color 47776B looks on a white background.

Color Contrast Check

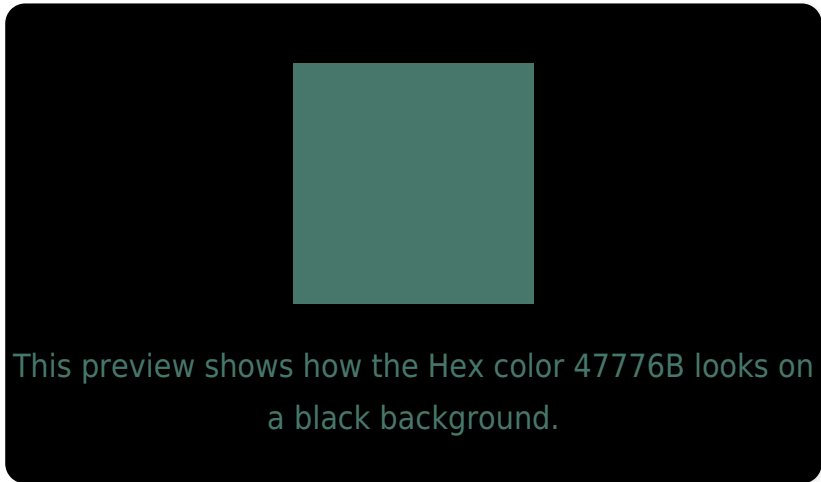
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

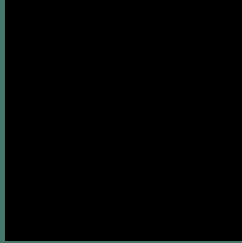
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 47776B Background



This preview shows how black text looks on a background with the Hex color 47776B.

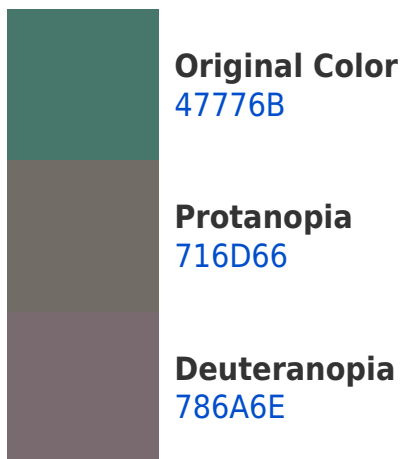


This preview shows how white text looks on a background with the Hex color 47776B.

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
4C747E

Trichromacy



Original Color
47776B

Protanomaly
627168

Deuteranomaly
666F6D

Tritanomaly
4A7577

Monochromacy



Original Color
47776B

Achromatopsia
676767

Achromatomaly
5B6D68

CSS Examples

Text

The CSS property to change the color of the text to Hex 47776B 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 #47776B looks like.

```
.text, #text, p{  
    color:#47776B  
}
```

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 #47776B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47776B
}
```

Border

The CSS property to change the border of an element to Hex 47776B 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
#47776B }
```

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

```
.border{ border-color:#47776B }
```

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

Here you see how a box with a 4 pixel #47776B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47776B; -webkit-box-shadow:4px 4px  
4px 4px #47776B; box-shadow:4px 4px 4px  
4px #47776B }
```

Background

The CSS property to change the background color of an element to Hex 47776B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47776B }
```

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

```
.background{ background-color:#47776B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor