

Converting Colors

Hex(47768A)

Have a look what the booklet for
Hex(47768A) contains.

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Color

Hex(47768A)

Conversions

Conversions Part 1

Format	Color
Hex	47768A
RGB	71, 118, 138
RGB Percent	28%, 46%, 54%
CMY	0.7216, 0.5373, 0.4588
CMYK	0.49, 0.14, 0.00, 0.46
HSL	198°, 32%, 41%
HSV	198°, 49%, 54%
XYZ	13.6644, 16.1314, 26.4382
YIQ	106.2270, -34.4320, -3.7440

Conversions

Conversions Part 2

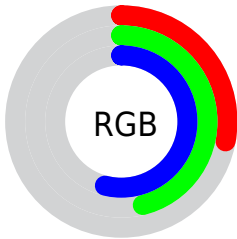
Format	Color
RYB	71, 99, 138
Decimal	4683402
CIELab	47.15, -10.25, -15.90
CIElCh	47, 18.918, 237.188
Yxy	16.1314, 0.2430, 0.2869
Android (android.graphics.Color)	4282873482 (0xFF47768A)
YUV	106.2270, 15.6641, -30.8941
Hunter-Lab	40.1640, -9.5584, -10.9133

Details

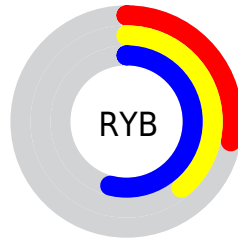
The Hex color **47768A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8A5B47**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7BAABF**, and **0F4658** is the 20% darker color. If you saturate the color by 10%, you get **39728A**, and if you desaturate by 10%, it is **557A8A**.

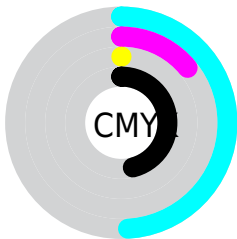
Distribution



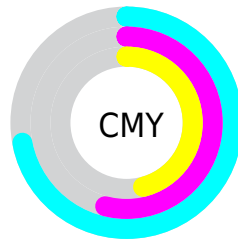
- Red (28%)
- Green (46%)
- Blue (54%)



- Red (28%)
- Yellow (39%)
- Blue (54%)



- Cyan (49%)
- Magenta (14%)
- Yellow (0%)
- Black (46%)



- Cyan (72%)
- Magenta (54%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47768A 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 47768A by changing the saturation by 10% instead.

■ 47768A

■ 47768A

FFFFFF

■ 2D5D71

■ 7BAABF

■ 0F4658

■ 96C5DB

■ 002F41

■ B2E1F8

■ 001B2B

■ CEFEFF

■ 000116

■ EBFFFF

■ 000000

■ 47768A

■ 47768A

■ 39728A

■ 557A8A

■ 2B6E8A

■ 637E8A

■ 1E6A8A

■ 70828A

■ 10668A

■ 7E868A

■ 02618A

■ 8C8B8A

■ 00618A

■ 9A8F8A

■ A8938A

■ B5978A

■ C39B8A

Harmonies

Analogous

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



41787E



47768A



5A728F

Triad

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



47768A



8E6472



6C7353

Complementary

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



47768A



8A5B47

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.



7D6E50



47768A



906562

Square

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



47768A



836781



8A6956



5A775E

Rectangle

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



47768A



696E8E



8A6956



727251

Sweetspot

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



47768A



98ABB3



478A5A



495459



D9D9D9



595959

Same Dimension

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



47768A



4B94B3



47568A



3E4345



005D85



000405

Inverse Universe

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



8A4776



B34B94



8A7B47



453E43



85005D



050004

Previews

White Background



This preview shows how the Hex color 47768A looks on a white background.

Color Contrast Check

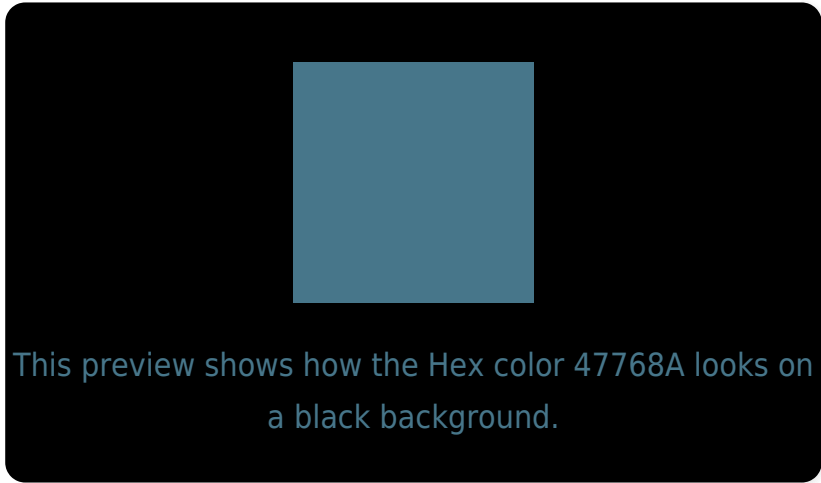
Large Text (above 18pt) WCAG AA ✓ Pass

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

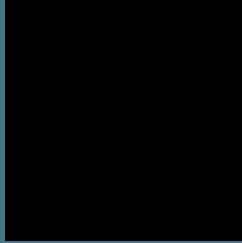
Any Text WCAG AA × Fail

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 47768A Background



This preview shows how black text looks on a background with the Hex color 47768A.

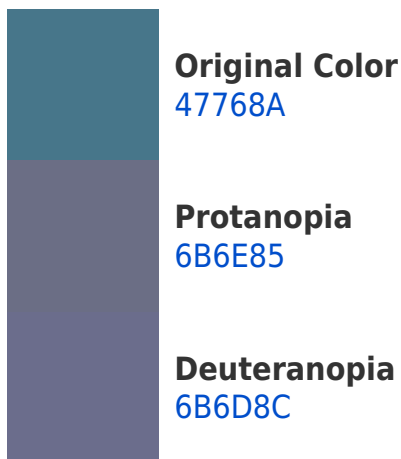


This preview shows how white text looks on a background with the Hex color 47768A.

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
447781

Trichromacy



Original Color
47768A

Protanomaly
5E7187

Deuteranomaly
5E708B

Tritanomaly
457784

Monochromacy



Original Color
47768A

Achromatopsia
6A6A6A

Achromatomaly
5D6E76

CSS Examples

Text

The CSS property to change the color of the text to Hex 47768A 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 #47768A looks like.

```
.text, #text, p{  
    color:#47768A  
}
```

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 #47768A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47768A
}
```

Border

The CSS property to change the border of an element to Hex 47768A 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
#47768A }
```

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

```
.border{ border-color:#47768A }
```

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

Here you see how a box with a 4 pixel #47768A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47768A; -webkit-box-shadow:4px 4px  
4px 4px #47768A; box-shadow:4px 4px 4px  
4px #47768A }
```

Background

The CSS property to change the background color of an element to Hex 47768A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47768A }
```

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

```
.background{ background-color:#47768A }
```

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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