

Converting Colors

Hex(47768D)

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

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Color

Hex(47768D)

Conversions

Conversions Part 1

Format	Color
Hex	47768D
RGB	71, 118, 141
RGB Percent	28%, 46%, 55%
CMY	0.7216, 0.5373, 0.4471
CMYK	0.50, 0.16, 0.00, 0.45
HSL	200°, 33%, 42%
HSV	200°, 50%, 55%
XYZ	13.8847, 16.2195, 27.5982
YIQ	106.5690, -35.3950, -2.8110

Conversions

Conversions Part 2

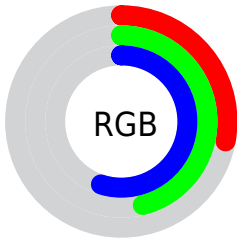
Format	Color
R_{YB}	71, 99, 141
Decimal	4683405
CIE _{Lab}	47.26, -9.35, -17.50
CIE _{LCh}	47, 19.840, 241.895
Yxy	16.2195, 0.2406, 0.2811
Android (android.graphics.Color)	4282873485 (0xFF47768D)
YUV	106.5690, 16.9745, -31.1940
Hunter-Lab	40.2735, -8.9390, -12.4382

Details

The Hex color **47768D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8D5E47**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7CAAC3**, and **0D465B** is the 20% darker color. If you saturate the color by 10%, you get **39718D**, and if you desaturate by 10%, it is **557B8D**.

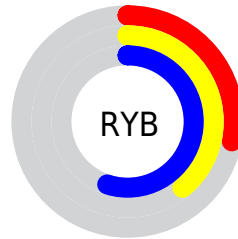
Distribution



Red (28%)

Green (46%)

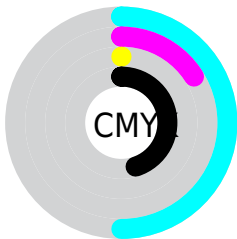
Blue (55%)



Red (28%)

Yellow (39%)

Blue (55%)

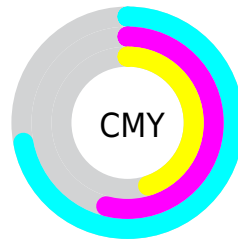


Cyan (50%)

Magenta (16%)

Yellow (0%)

Black (45%)



Cyan (72%)

Magenta (54%)

Yellow (45%)

Brightness & Saturation Gradients

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

47768D

47768D

FFFFFF

2D5D73

7CAAC3

0D465B

97C5DF

002F43

B2E1FB

001B2D

CFFEFF

000119

EBFFFF

000000

47768D

47768D

39718D

557B8D

2B6D8D

637F8D

■ 1D688D

■ 71848D

■ 0F638D

■ 7F898D

■ 005F8D

■ 8E8D8D

■ 9C928D

■ AA968D

■ B89B8D

■ C6A08D

Harmonies

Analogous

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



3D7981



47768D



5D7191

Triad

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



47768D



906470



697453

Complementary

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



47768D



8D5E47

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.



7B6F4F



47768D



91655F

Square

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



47768D



866680



896A53



567860

Rectangle

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



47768D



6D6D8F



896A53



6F7351

Sweetspot

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



47768D



9CAFB8



478D5D



4B565C



DBDBDB



5C5C5C

Same Dimension

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



47768D



4993B8



47548D



404547



005B87



000508

Inverse Universe

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



8D4776



B84993



8D8047



474045



87005B



080005

Previews

White Background



This preview shows how the Hex color 47768D 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

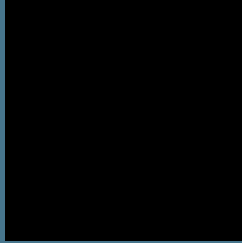
Any Text WCAG AA × Fail

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 47768D Background



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



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

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
47768D

Protanopia
6A6F88

Deuteranopia
6A6E8F



Tritanopia
437882

Trichromacy



Original Color
47768D

Protanomaly
5D728A

Deuteranomaly
5D718E

Tritanomaly
447786

Monochromacy



Original Color
47768D

Achromatopsia
6B6B6B

Achromatomaly
5E6F77

CSS Examples

Text

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

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

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 #47768D colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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