

Converting Colors

Hex(477B8D)

Have a look what the booklet for
Hex(477B8D) contains.

| | |
|--|----|
| Hex(477B8D) | 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(477B8D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 477B8D |
| RGB | 71, 123, 141 |
| RGB Percent | 28%, 48%, 55% |
| CMY | 0.7216, 0.5176, 0.4471 |
| CMYK | 0.50, 0.13, 0.00, 0.45 |
| HSL | 195°, 33%, 42% |
| HSV | 195°, 50%, 55% |
| XYZ | 14.4892, 17.4286, 27.7997 |
| YIQ | 109.5040, -36.7700, -5.4260 |

Conversions

Conversions Part 2

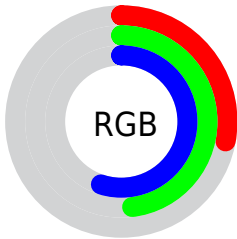
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 71, 101, 141 |
| Decimal | 4684685 |
| CIE _{Lab} | 48.80, -12.19, -15.16 |
| CIE _{LCh} | 49, 19.457, 231.197 |
| Yxy | 17.4286, 0.2426, 0.2919 |
| Android (android.graphics.Color) | 4282874765 (0xFF477B8D) |
| YUV | 109.5040, 15.5275, -33.7680 |
| Hunter-Lab | 41.7476, -11.1068, -10.2579 |

Details

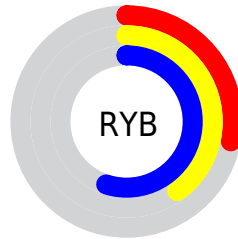
The Hex color **477B8D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8D5947**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7CB0C3**, and **0C4A5B** is the 20% darker color. If you saturate the color by 10%, you get **39778D**, and if you desaturate by 10%, it is **557F8D**.

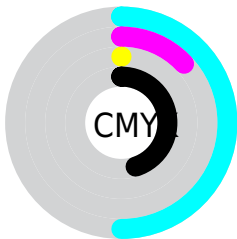
Distribution



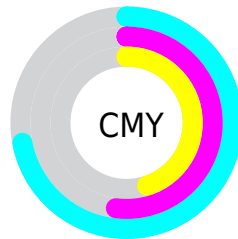
- Red (28%)
- Green (48%)
- Blue (55%)



- Red (28%)
- Yellow (40%)
- Blue (55%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (45%)



- Cyan (72%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 477B8D 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 477B8D by changing the saturation by 10% instead.

 477B8D

 477B8D

FFFFFF

 2C6273

 7CB0C3

 0C4A5B

 97CBDF

 003443

 B3E7FB

 001E2D

 CFFFFFF

 000119

 ECFFFF

 000000

 477B8D

 477B8D

 39778D

 557F8D

 2B748D

 63828D

■ 1D708D

■ 71868D

■ 0F6C8D

■ 7F8A8D

■ 00698D

■ 8E8D8D

■ 9C918D

■ AA948D

■ B8988D

■ C69C8D

Harmonies

Analogous

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



447D7F



477B8D



597794

Triad

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



477B8D



916879



747755

Complementary

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



477B8D



8D5947

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.



847154



477B8D



956869

Square

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



477B8D



846C89



916C5B



617B5F

Rectangle

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



477B8D



687394



916C5B



7A7554

Sweetspot

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



477B8D



9CB1B8



478D59



4B585C



DBDBDB



5C5C5C

Same Dimension

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



477B8D



499BB8



47598D



404647



006487



000608

Inverse Universe

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



8D477B



B8499B



8D7C47



474046



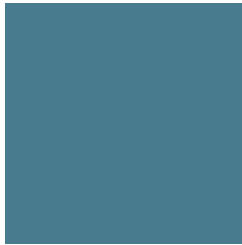
870064



080006

Previews

White Background



This preview shows how the Hex color 477B8D looks on a white background.

Color Contrast Check

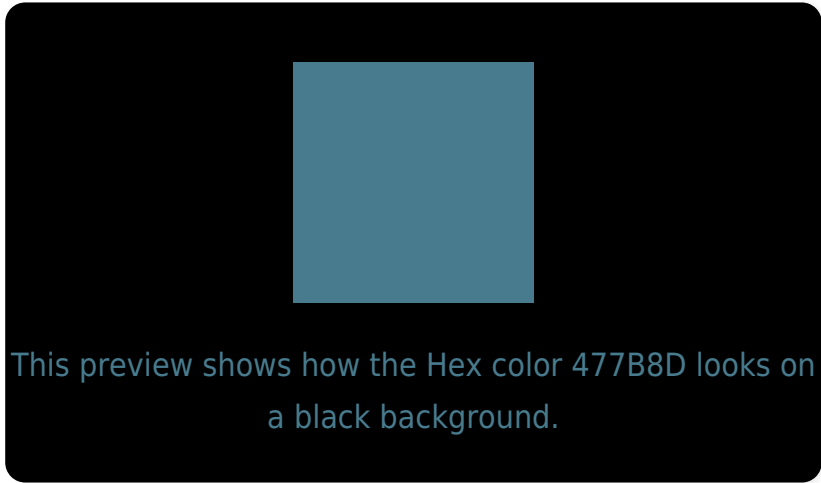
Large Text (above 18pt) WCAG AA ✓ Pass

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

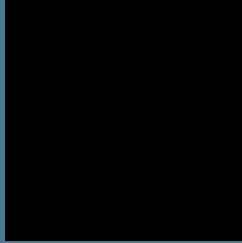
Any Text WCAG AA × Fail

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 477B8D Background



This preview shows how black text looks on a background with the Hex color 477B8D.

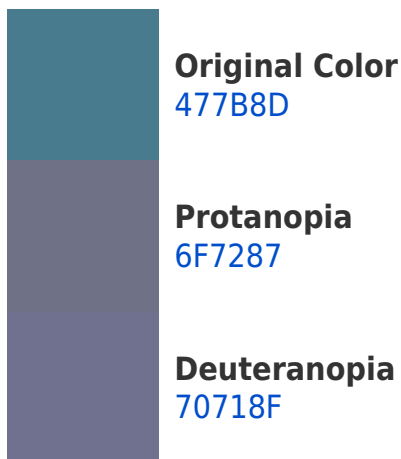



This preview shows how white text looks on a background with the Hex color 477B8D.

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
457C86

Trichromacy



Original Color
477B8D

Protanomaly
607589

Deuteranomaly
61758E

Tritanomaly
467C89

Monochromacy



Original Color
477B8D

Achromatopsia
6E6E6E

Achromatomaly
607379

CSS Examples

Text

The CSS property to change the color of the text to Hex 477B8D 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 #477B8D looks like.

```
.text, #text, p{  
    color:#477B8D  
}
```

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 #477B8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477B8D
}
```

Border

The CSS property to change the border of an element to Hex 477B8D 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
#477B8D }
```

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

```
.border{ border-color:#477B8D }
```

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

Here you see how a box with a 4 pixel #477B8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477B8D; -webkit-box-shadow:4px 4px  
4px 4px #477B8D; box-shadow:4px 4px 4px  
4px #477B8D }
```

Background

The CSS property to change the background color of an element to Hex 477B8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477B8D }
```

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

```
.background{ background-color:#477B8D }
```

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