

Converting Colors

Hex(487A7E)

Have a look what the booklet for
Hex(487A7E) contains.

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Color

Hex(487A7E)

Conversions

Conversions Part 1

Format	Color
Hex	487A7E
RGB	72, 122, 126
RGB Percent	28%, 48%, 49%
CMY	0.7176, 0.5216, 0.5059
CMYK	0.43, 0.03, 0.00, 0.51
HSL	184°, 27%, 39%
HSV	184°, 43%, 49%
XYZ	13.3979, 16.8031, 22.2758
YIQ	107.5060, -31.0840, -9.3560

Conversions

Conversions Part 2

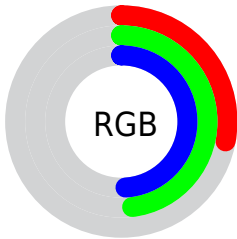
Format	Color
R_{YB}	72, 98, 126
Decimal	4749950
CIE _{Lab}	48.01, -15.69, -7.48
CIE _{LCh}	48, 17.386, 205.497
Yxy	16.8031, 0.2553, 0.3202
Android (android.graphics.Color)	4282940030 (0xFF487A7E)
YUV	107.5060, 9.1175, -31.1388
Hunter-Lab	40.9916, -13.3935, -3.5255

Details

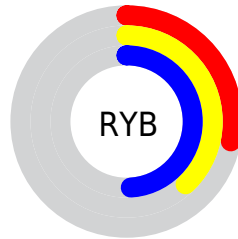
The Hex color **487A7E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E4C48**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7CAFB3**, and **13494D** is the 20% darker color. If you saturate the color by 10%, you get **3B797E**, and if you desaturate by 10%, it is **557B7E**.

Distribution



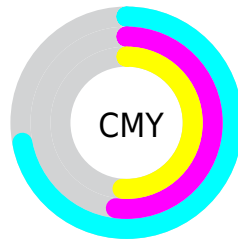
- Red (28%)
- Green (48%)
- Blue (49%)



- Red (28%)
- Yellow (38%)
- Blue (49%)



- Cyan (43%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (72%)
- Magenta (52%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 487A7E 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 487A7E by changing the saturation by 10% instead.

487A7E

487A7E

FFFFFF

2F6165

7CAF33

13494D

96CACE

003236

B2E6EA

001E21

CEFFFF

00000A

EBFFFF

000000

487A7E

487A7E

3B797E

557B7E

2F787E

617C7E

■ 22777E

■ 6E7D7E

■ 16767E

■ 7A7E7E

■ 09757E

■ 877F7E

■ 00757E

■ 94807E

■ A0817E

■ AD817E

■ B9827E

Harmonies

Analogous

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



507A6F



487A7E



4D788A

Triad

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



487A7E



836A83



7F7055

Complementary

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



487A7E



7E4C48

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.



8B6B5A



487A7E



8D6875

Square

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



487A7E



716F8C



906866



707557

Rectangle

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



487A7E



57758E



906866



836F56

Sweetspot

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



487A7E



8EA2A3



487E4C



455152



D1D1D1



525252

Same Dimension

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



487A7E



509DA3



485F7E



393F40



007680



000000

Inverse Universe

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



7E487A



A3509D



7E6748



40393F



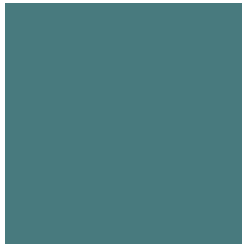
800076



000000

Previews

White Background



This preview shows how the Hex color 487A7E looks on a white background.

Color Contrast Check

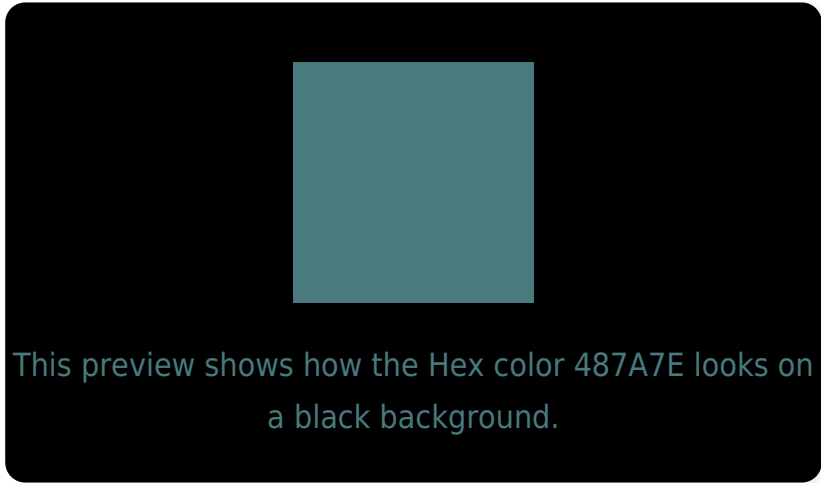
Large Text (above 18pt) WCAG AA ✓ Pass

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

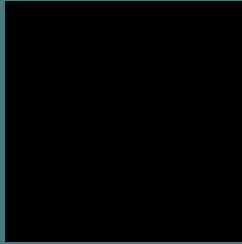
Any Text WCAG AA × Fail

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 487A7E Background



This preview shows how black text looks on a background with the Hex color 487A7E.

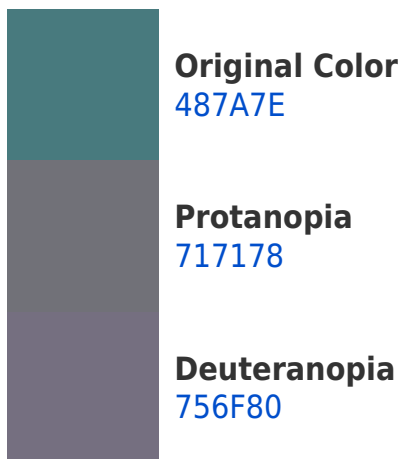


This preview shows how white text looks on a background with the Hex color 487A7E.

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](#).

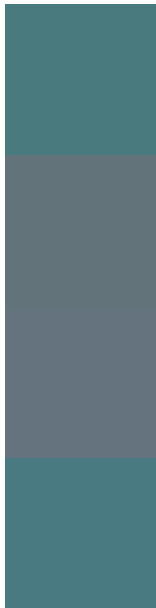
Dichromacy





Tritanopia
497983

Trichromacy



Original Color
487A7E

Protanomaly
62747A

Deuteranomaly
65737F

Tritanomaly
497981

Monochromacy



Original Color
487A7E

Achromatopsia
6C6C6C

Achromatomaly
5F7173

CSS Examples

Text

The CSS property to change the color of the text to Hex 487A7E 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 #487A7E looks like.

```
.text, #text, p{  
    color:#487A7E  
}
```

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 #487A7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487A7E
}
```

Border

The CSS property to change the border of an element to Hex 487A7E 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
#487A7E }
```

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

```
.border{ border-color:#487A7E }
```

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

Here you see how a box with a 4 pixel #487A7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487A7E; -webkit-box-shadow:4px 4px  
4px 4px #487A7E; box-shadow:4px 4px 4px  
4px #487A7E }
```

Background

The CSS property to change the background color of an element to Hex 487A7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487A7E }
```

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

```
.background{ background-color:#487A7E }
```

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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