

Converting Colors

Hex(487A7B)

Have a look what the booklet for
Hex(487A7B) contains.

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Color

Hex(487A7B)

Conversions

Conversions Part 1

Format	Color
Hex	487A7B
RGB	72, 122, 123
RGB Percent	28%, 48%, 48%
CMY	0.7176, 0.5216, 0.5176
CMYK	0.41, 0.01, 0.00, 0.52
HSL	181°, 26%, 38%
HSV	181°, 41%, 48%
XYZ	13.2072, 16.7268, 21.2714
YIQ	107.1640, -30.1210, -10.2890

Conversions

Conversions Part 2

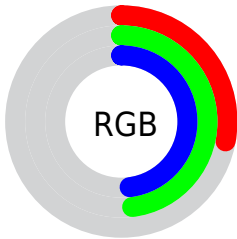
Format	Color
RYB	72, 97, 123
Decimal	4749947
CIELab	47.91, -16.51, -5.85
CIELCh	48, 17.521, 199.514
Yxy	16.7268, 0.2579, 0.3267
Android (android.graphics.Color)	4282940027 (0xFF487A7B)
YUV	107.1640, 7.8071, -30.8388
Hunter-Lab	40.8985, -13.9301, -2.2080

Details

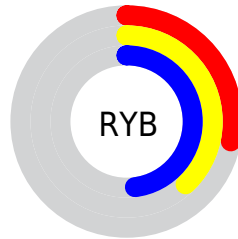
The Hex color **487A7B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B4948**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7CAFAF**, and **14494A** is the 20% darker color. If you saturate the color by 10%, you get **3C7A7B**, and if you desaturate by 10%, it is **547A7B**.

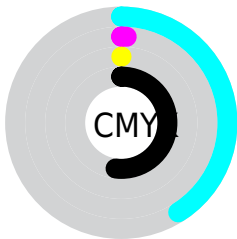
Distribution



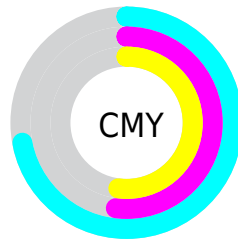
- Red (28%)
- Green (48%)
- Blue (48%)



- Red (28%)
- Yellow (38%)
- Blue (48%)



- Cyan (41%)
- Magenta (1%)
- Yellow (0%)
- Black (52%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 487A7B 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 487A7B by changing the saturation by 10% instead.



487A7B



487A7B

FFFFFF



2F6162



7CAFAF



14494A



96CACB



003234



B2E6E7



001E1F



CEFFFF



000005



EAFFFF



000000



487A7B



487A7B



3C7A7B



547A7B



2F7A7B



617A7B

■ 23797B

■ 6D7B7B

■ 17797B

■ 797B7B

■ 0A797B

■ 857B7B

■ 00797B

■ 927B7B

■ 9E7C7B

■ AA7C7B

■ B77C7B

Harmonies

Analogous

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



527A6C



487A7B



4A7888

Triad

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



487A7B



806B85



826F55

Complementary

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



487A7B



7B4948

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.



8C6A5C



487A7B



8C6878

Square

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



487A7B



6D708D



906769



737456

Rectangle

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



487A7B



53768D



906769



866D56

Sweetspot

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



487A7B



8DA0A1



487B49



465152



D1D1D1



525252

Same Dimension

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



487A7B



509FA1



48617B



373D3D



007B7D



00F8FC

Inverse Universe

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



7B487A



A1509F



7B6248



3D373D



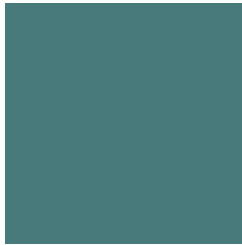
7D007B



FC00F8

Previews

White Background



This preview shows how the Hex color 487A7B looks on a white background.

Color Contrast Check

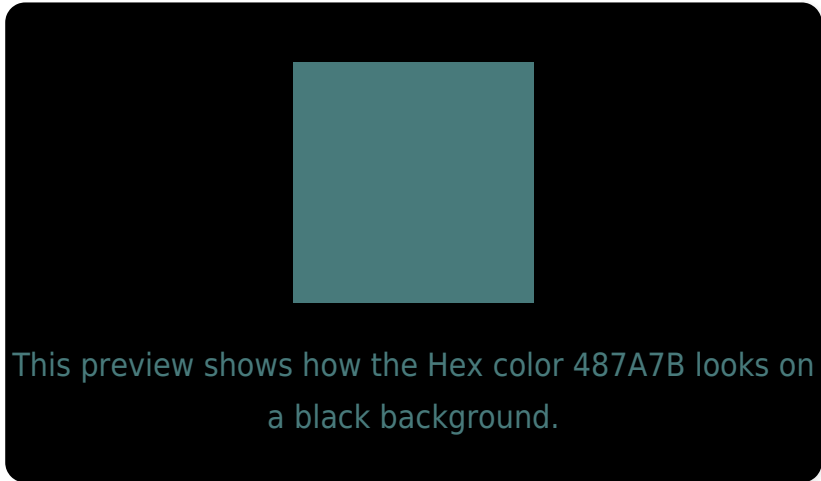
Large Text (above 18pt) WCAG AA ✓ Pass

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

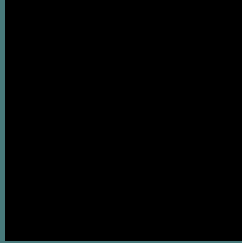
Any Text WCAG AA × Fail

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 487A7B Background



This preview shows how black text looks on a background with the Hex color 487A7B.



This preview shows how white text looks on a background with the Hex color 487A7B.

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](#).

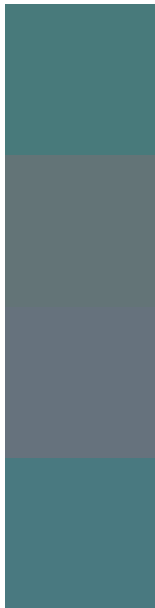
Dichromacy





Tritanopia
4A7983

Trichromacy



Original Color
487A7B

Protanomaly
637477

Deuteranomaly
66727D

Tritanomaly
497980

Monochromacy



Original Color
487A7B

Achromatopsia
6B6B6B

Achromatomaly
5E7071

CSS Examples

Text

The CSS property to change the color of the text to Hex 487A7B 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 #487A7B looks like.

```
.text, #text, p{  
    color:#487A7B  
}
```

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 #487A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487A7B
}
```

Border

The CSS property to change the border of an element to Hex 487A7B 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
#487A7B }
```

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

```
.border{ border-color:#487A7B }
```

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

Here you see how a box with a 4 pixel #487A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487A7B; -webkit-box-shadow:4px 4px  
4px 4px #487A7B; box-shadow:4px 4px 4px  
4px #487A7B }
```

Background

The CSS property to change the background color of an element to Hex 487A7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487A7B }
```

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

```
.background{ background-color:#487A7B }
```

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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