

Converting Colors

Hex(487C79)

Have a look what the booklet for
Hex(487C79) contains.

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Color

Hex(487C79)

Conversions

Conversions Part 1

Format	Color
Hex	487C79
RGB	72, 124, 121
RGB Percent	28%, 49%, 47%
CMY	0.7176, 0.5137, 0.5255
CMYK	0.42, 0.00, 0.02, 0.51
HSL	177°, 27%, 38%
HSV	177°, 42%, 49%
XYZ	13.3313, 17.1735, 20.7013
YIQ	108.1100, -30.0290, -11.9570

Conversions

Conversions Part 2

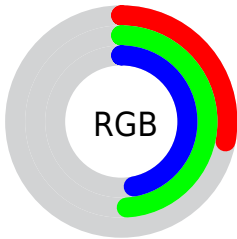
Format	Color
RYB	72, 99, 124
Decimal	4750457
CIELab	48.48, -18.14, -3.83
CIElCh	48, 18.537, 191.937
Yxy	17.1735, 0.2603, 0.3354
Android (android.graphics.Color)	4282940537 (0xFF487C79)
YUV	108.1100, 6.3548, -31.6685
Hunter-Lab	41.4409, -15.0991, -0.6090

Details

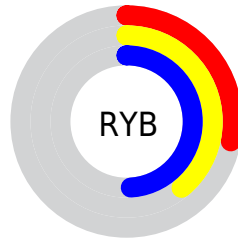
The Hex color **487C79** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C484B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7CB1AD**, and **144B49** is the 20% darker color. If you saturate the color by 10%, you get **3C7C78**, and if you desaturate by 10%, it is **547C7A**.

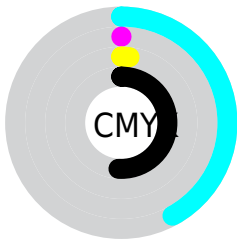
Distribution



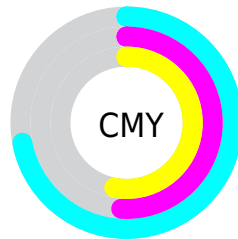
- Red (28%)
- Green (49%)
- Blue (47%)



- Red (28%)
- Yellow (39%)
- Blue (49%)



- Cyan (42%)
- Magenta (0%)
- Yellow (2%)
- Black (51%)



- Cyan (72%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 487C79 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 487C79 by changing the saturation by 10% instead.

487C79

487C79

FFFFFF

2F6360

7CB1AD

144B49

96CCC9

003432

B2E9E5

001F1D

CEFFFF

000003

EAFFFF

000000

487C79

487C79

3C7C78

547C7A

2F7C78

617C7A

■ 237C77

■ 6D7C7B

■ 167C76

■ 7A7C7C

■ 0A7C75

■ 867C7D

■ 007C75

■ 927C7D

■ 9F7C7E

■ AB7C7F

■ B87C7F

Harmonies

Analogous

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



557B69



487C79



467B87

Triad

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



487C79



7D6D8A



876F56

Complementary

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



487C79



7C484B

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.



916A5F



487C79



8C697D

Square

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



487C79



697292



93686D



787454

Rectangle

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



487C79



4E798E



93686D



8B6D58

Sweetspot

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



487C79



8CA19F



4B7C48



455251



D1D1D1



525252

Same Dimension

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



487C79



50A19C



48657C



373D3D



007D76



00FCEE

Inverse Universe

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



7C484B



A15055



7C5F48



3D3737



7D0007



FC000F

Previews

White Background



This preview shows how the Hex color 487C79 looks on a white background.

Color Contrast Check

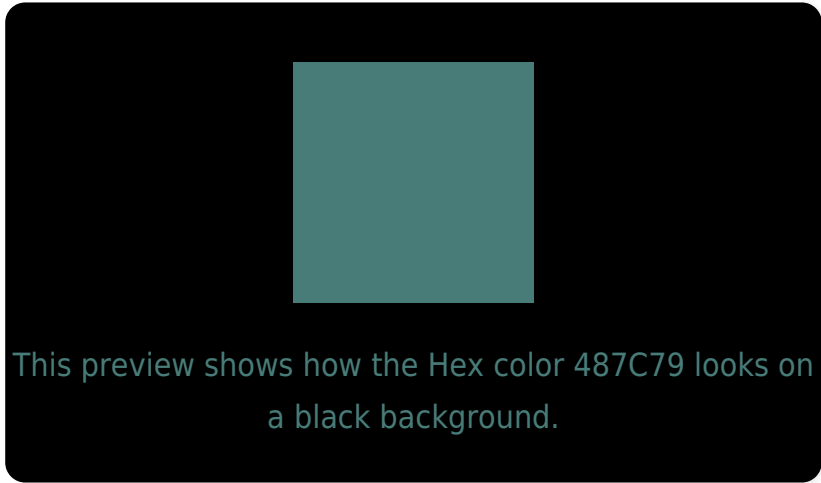
Large Text (above 18pt) WCAG AA ✓ Pass

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

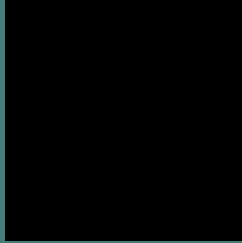
Any Text WCAG AA × Fail

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 487C79 Background



This preview shows how black text looks on a background with the Hex color 487C79.




This preview shows how white text looks on a background with the Hex color 487C79.

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](#).

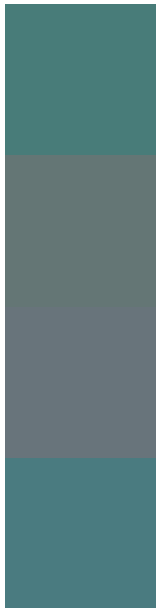
Dichromacy





Tritanopia
4B7A84

Trichromacy



Original Color
487C79

Protanomaly
647675

Deuteranomaly
68747B

Tritanomaly
4A7B80

Monochromacy



Original Color
487C79

Achromatopsia
6C6C6C

Achromatomaly
5F7271

CSS Examples

Text

The CSS property to change the color of the text to Hex 487C79 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 #487C79 looks like.

```
.text, #text, p{  
    color:#487C79  
}
```

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 #487C79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487C79
}
```

Border

The CSS property to change the border of an element to Hex 487C79 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
#487C79 }
```

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

```
.border{ border-color:#487C79 }
```

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

Here you see how a box with a 4 pixel #487C79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487C79; -webkit-box-shadow:4px 4px  
4px 4px #487C79; box-shadow:4px 4px 4px  
4px #487C79 }
```

Background

The CSS property to change the background color of an element to Hex 487C79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487C79 }
```

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

```
.background{ background-color:#487C79 }
```

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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