

Converting Colors

Hex(487B76)

Have a look what the booklet for
Hex(487B76) contains.

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Color

Hex(487B76)

Conversions

Conversions Part 1

Format	Color
Hex	487B76
RGB	72, 123, 118
RGB Percent	28%, 48%, 46%
CMY	0.7176, 0.5176, 0.5373
CMYK	0.41, 0.00, 0.04, 0.52
HSL	174°, 26%, 38%
HSV	174°, 41%, 48%
XYZ	13.0255, 16.8516, 19.7057
YIQ	107.1810, -28.7910, -12.3670

Conversions

Conversions Part 2

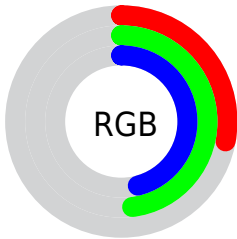
Format	Color
RYB	72, 99, 123
Decimal	4750198
CIELab	48.07, -18.39, -2.66
CIElCh	48, 18.583, 188.227
Yxy	16.8516, 0.2627, 0.3399
Android (android.graphics.Color)	4282940278 (0xFF487B76)
YUV	107.1810, 5.3338, -30.8537
Hunter-Lab	41.0508, -15.2005, 0.2744

Details

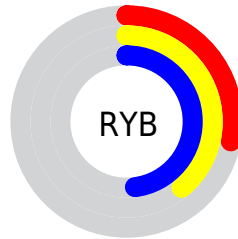
The Hex color **487B76** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7B484D**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **7BB0AA**, and **144A46** is the 20% darker color. If you saturate the color by 10%, you get **3C7B75**, and if you desaturate by 10%, it is **547B77**.

Distribution



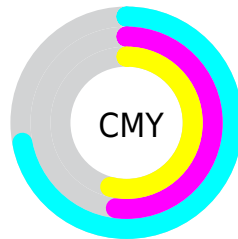
- Red (28%)
- Green (48%)
- Blue (46%)



- Red (28%)
- Yellow (39%)
- Blue (48%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (52%)



- Cyan (72%)
- Magenta (52%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 487B76 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 487B76 by changing the saturation by 10% instead.

 487B76

 487B76

FFFFFF

 2F625D

 7BB0AA

 144A46

 96CBC5

 003330

 B1E7E1

 001F1B

 CDFFFE

 000000

 EAFFFF

 487B76

 487B76

 3C7B75

 547B77

 2F7B74

 617B78

■ 237B72

■ 6D7B7A

■ 177B71

■ 797B7B

■ 0A7B70

■ 857B7C

■ 007B6F

■ 927B7D

■ 9E7B7E

■ AA7B80

■ B77B81

Harmonies

Analogous

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



567A66



487B76



457A85

Triad

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



487B76



7A6D8B



886D55

Complementary

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



487B76



7B484D

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.



90695F



487B76



8A687E

Square

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



487B76



657291



92676E



797253

Rectangle

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



487B76



4B788C



92676E



8B6C58

Sweetspot

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



487B76



8DA19F



4D7B48



465250



D1D1D1



525252

Same Dimension

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



487B76



50A199



48677B



373D3D



007D71



00FCE4

Inverse Universe

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



7B484D



A15058



7B5C48



3D3738



7D000C



FC0019

Previews

White Background



This preview shows how the Hex color 487B76 looks on a white background.

Color Contrast Check

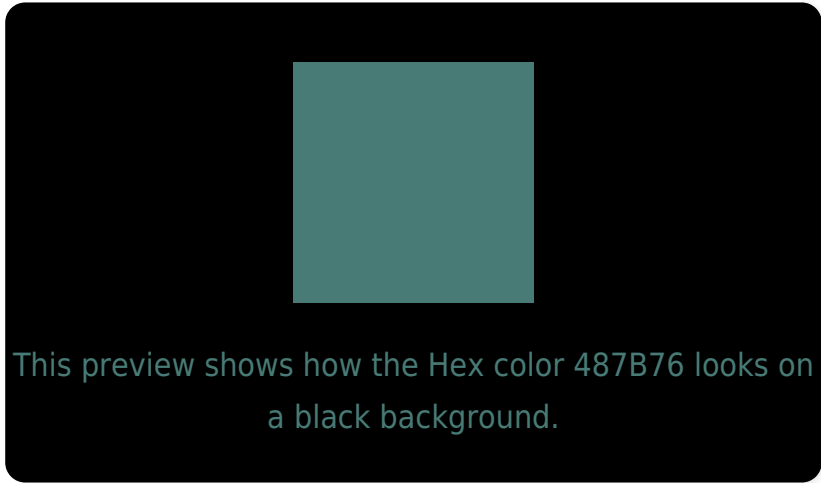
Large Text (above 18pt) WCAG AA ✓ Pass

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

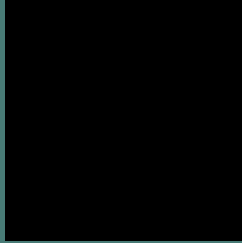
Any Text WCAG AA × Fail

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 487B76 Background



This preview shows how black text looks on a background with the Hex color 487B76.



This preview shows how white text looks on a background with the Hex color 487B76.

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](#).

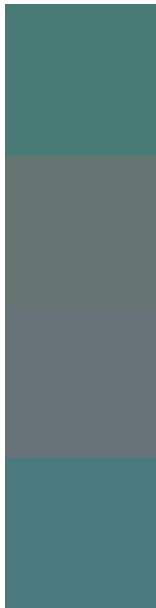
Dichromacy





Tritanopia
4C7983

Trichromacy



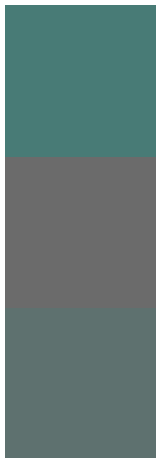
Original Color
487B76

Protanomaly
647572

Deuteranomaly
677378

Tritanomaly
4B7A7E

Monochromacy



Original Color
487B76

Achromatopsia
6B6B6B

Achromatomaly
5E716F

CSS Examples

Text

The CSS property to change the color of the text to Hex 487B76 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 #487B76 looks like.

```
.text, #text, p{  
    color:#487B76  
}
```

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 #487B76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487B76
}
```

Border

The CSS property to change the border of an element to Hex 487B76 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
#487B76 }
```

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

```
.border{ border-color:#487B76 }
```

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

Here you see how a box with a 4 pixel #487B76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487B76; -webkit-box-shadow:4px 4px  
4px 4px #487B76; box-shadow:4px 4px 4px  
4px #487B76 }
```

Background

The CSS property to change the background color of an element to Hex 487B76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487B76 }
```

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

```
.background{ background-color:#487B76 }
```

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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