

# Converting Colors

Hex(487C69)

Have a look what the booklet for  
Hex(487C69) contains.

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# Color

Hex(487C69)

# Conversions

## Conversions Part 1

Format	Color
Hex	487C69
RGB	72, 124, 105
RGB Percent	28%, 49%, 41%
CMY	0.7176, 0.5137, 0.5882
CMYK	0.42, 0.00, 0.15, 0.51
HSL	158°, 27%, 38%
HSV	158°, 42%, 49%
XYZ	12.4299, 16.8129, 15.9547
YIQ	106.2860, -24.8930, -16.9330

# Conversions

## Conversions Part 2

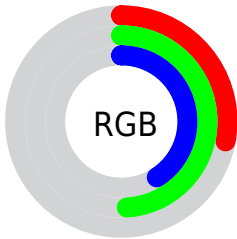
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 104, 124
Decimal	4750441
CIE <sub>Lab</sub>	48.02, -22.17, 4.95
CIE <sub>LCh</sub>	48, 22.715, 167.426
Yxy	16.8129, 0.2750, 0.3720
Android (android.graphics.Color)	4282940521 (0xFF487C69)
YUV	106.2860, -0.6340, -30.0688
Hunter-Lab	41.0036, -17.6453, 5.6325

# Details

The Hex color **487C69** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C485B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7BB19C**, and **154B3A** is the 20% darker color. If you saturate the color by 10%, you get **3C7C64**, and if you desaturate by 10%, it is **547C6E**.

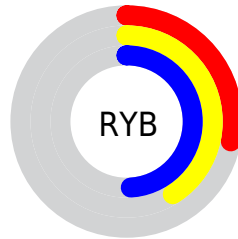
# Distribution



 Red (28%)

 Green (49%)

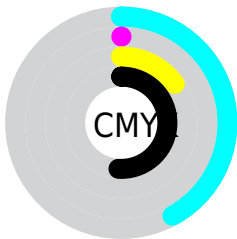
 Blue (41%)




 Red (28%)

 Yellow (41%)

 Blue (49%)

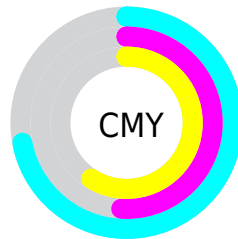


 Cyan (42%)

 Magenta (0%)

 Yellow (15%)

 Black (51%)



 Cyan (72%)

 Magenta (51%)

 Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 487C69 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 487C69 by changing the saturation by 10% instead.





487C69



487C69

FFFFFF



2F6351



7BB19C



154B3A



96CCB7



003424



B1E9D3



001F0F



CDFFEF



000000



E9FFFF



487C69



487C69



3C7C64



547C6E



2F7C60



617C72

■ 237C5B

■ 6D7C77

■ 167C57

■ 7A7C7B

■ 0A7C52

■ 867C80

■ 007C4F

■ 927C84

■ 9F7C89

■ AB7C8D

■ B87C92

# Harmonies

## Analogous

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



5E7958



487C69



367D7D

# Triad

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



487C69



697096



946857

# Complementary

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



487C69



7C485B

# 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.



986467



487C69



82698C

# Square

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



487C69



4D7697



93657B



876E4D

# Rectangle

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



487C69



347B89



93657B



96665C



# Sweetspot

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



487C69



8CA199



5B7C48



45524D



D1D1D1



525252



# Same Dimension

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



487C69



50A183



48757C



373D3B



007D4F



00FCA0



# Inverse Universe

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



7C485B



A1506E



7C4F48



3D3739



7D002E



FC005C



# Previews

## White Background



This preview shows how the Hex color 487C69 looks on a white background.

## Color Contrast Check

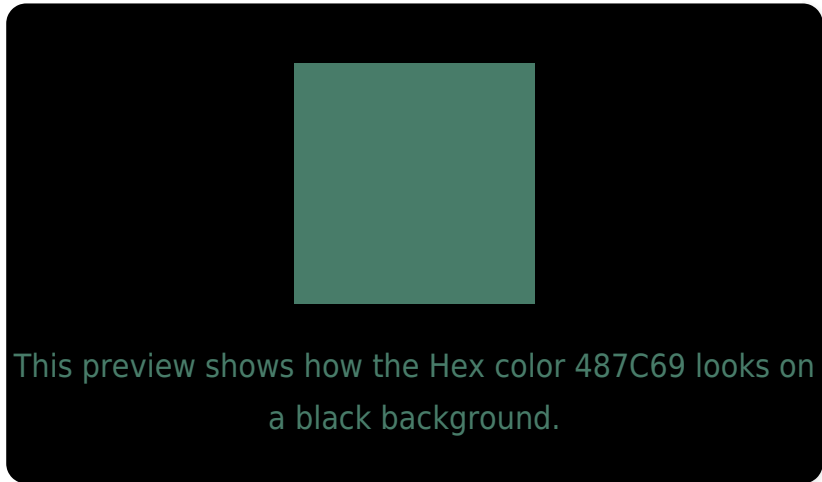
Large Text (above 18pt) WCAG AA ✓ Pass

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

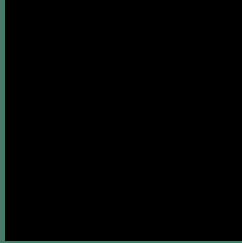
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 487C69 Background



This preview shows how black text looks on a background with the Hex color 487C69.

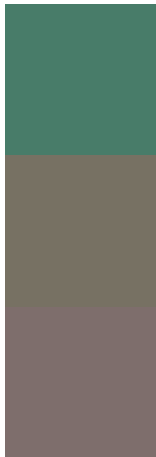


This preview shows how white text looks on a background with the Hex color 487C69.

# 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



**Original Color**  
487C69

**Protanopia**  
777163

**Deuteranopia**  
7E6E6C



**Tritanopia**  
4E7882

# Trichromacy



**Original Color**  
487C69

**Protanomaly**  
667565

**Deuteranomaly**  
6A736B

**Tritanomaly**  
4C7979

# Monochromacy



**Original Color**  
487C69

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
5E716A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 487C69 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 #487C69 looks like.

```
.text, #text, p{  
    color:#487C69  
}
```

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 #487C69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487C69
}
```

## Border

The CSS property to change the border of an element to Hex 487C69 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
#487C69 }
```

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

```
.border{ border-color:#487C69 }
```

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

Here you see how a box with a 4 pixel #487C69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487C69; -webkit-box-shadow:4px 4px  
4px 4px #487C69; box-shadow:4px 4px 4px  
4px #487C69 }
```

# Background

The CSS property to change the background color of an element to Hex 487C69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487C69 }
```

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

```
.background{ background-color:#487C69 }
```

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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