

Converting Colors

Hex(487B5F)

Have a look what the booklet for
Hex(487B5F) contains.

Hex(487B5F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(487B5F)

Conversions

Conversions Part 1

Format	Color
Hex	487B5F
RGB	72, 123, 95
RGB Percent	28%, 48%, 37%
CMY	0.7176, 0.5176, 0.6275
CMYK	0.41, 0.00, 0.23, 0.52
HSL	147°, 26%, 38%
HSV	147°, 41%, 48%
XYZ	11.8210, 16.3699, 13.3631
YIQ	104.5590, -21.4080, -19.5200

Conversions

Conversions Part 2

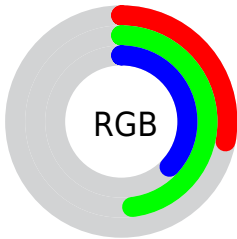
Format	Color
RYB	72, 107, 123
Decimal	4750175
CIELab	47.46, -23.94, 10.02
CIELCh	47, 25.949, 157.295
Yxy	16.3699, 0.2845, 0.3939
Android (android.graphics.Color)	4282940255 (0xFF487B5F)
YUV	104.5590, -4.7126, -28.5542
Hunter-Lab	40.4597, -18.6525, 8.7393

Details

The Hex color **487B5F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7B4864**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7BB091**, and **164A31** is the 20% darker color. If you saturate the color by 10%, you get **3C7B58**, and if you desaturate by 10%, it is **547B66**.

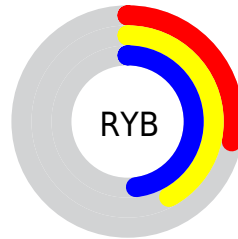
Distribution



Red (28%)

Green (48%)

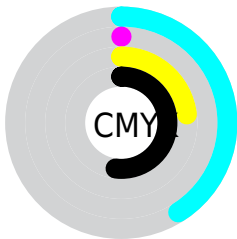
Blue (37%)



Red (28%)

Yellow (42%)

Blue (48%)

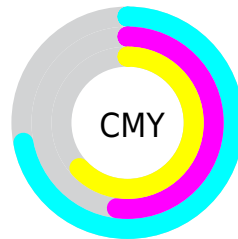


Cyan (41%)

Magenta (0%)

Yellow (23%)

Black (52%)



Cyan (72%)

Magenta (52%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 487B5F 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 487B5F by changing the saturation by 10% instead.



487B5F



487B5F

FFFFFF



2F6247



7BB091



164A31



95CBAC



00331C



B1E8C7



001F02



CCFFE3



000000



E9FFFF



487B5F



487B5F



3C7B58



547B66



2F7B51



617B6D

■ 237B4B

■ 6D7B73

■ 177B44

■ 797B7A

■ 0A7B3D

■ 857B81

■ 007B37

■ 927B88

■ 9E7B8E

■ AA7B95

■ B77B9C

Harmonies

Analogous

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



62774D



487B5F



2D7C75

Triad

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



487B5F



5B719C



996357

Complementary

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



487B5F



7B4864

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.



9B606C



487B5F



7A6993

Square

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



487B5F



377798



916282



8D6949

Rectangle

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



487B5F



207C84



916282



9B615E

Sweetspot

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



487B5F



8DA196



647B48



46524B



D1D1D1



525252

Same Dimension

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



487B5F



50A175



487B78



373D3A



007D38



00FC72

Inverse Universe

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



7B4864



A1507C



7B484B



3D373A



7D0045



FC008B

Previews

White Background



This preview shows how the Hex color 487B5F looks on a white background.

Color Contrast Check

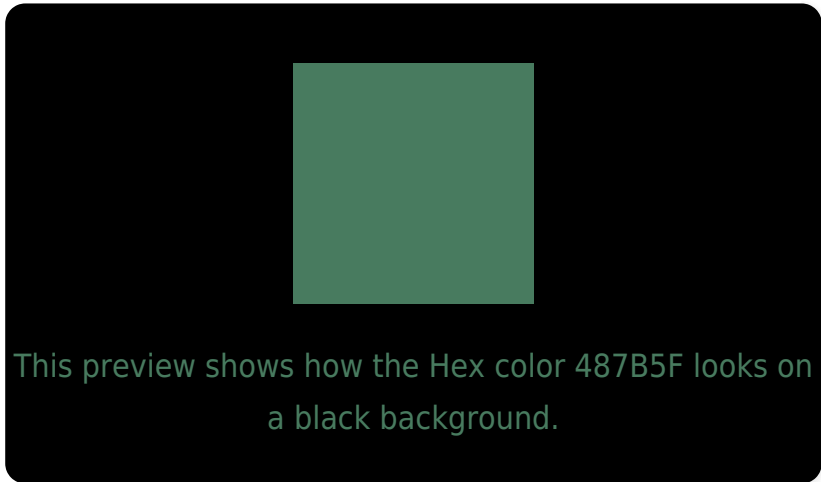
Large Text (above 18pt) WCAG AA ✓ Pass

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

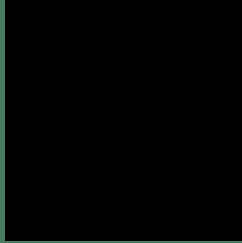
Any Text WCAG AA × Fail

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 487B5F Background



This preview shows how black text looks on a background with the Hex color 487B5F.

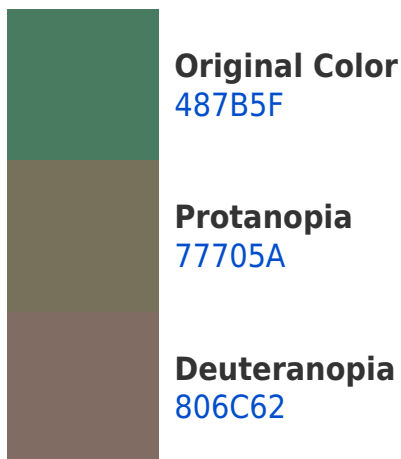


This preview shows how white text looks on a background with the Hex color 487B5F.

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](#).

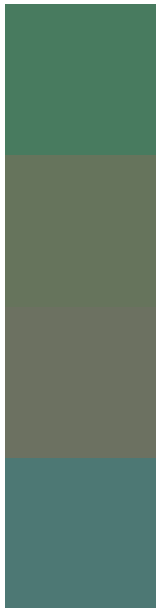
Dichromacy





Tritanopia
507780

Trichromacy



Original Color
487B5F

Protanomaly
66745C

Deuteranomaly
6C7161

Tritanomaly
4D7874

Monochromacy



Original Color
487B5F

Achromatopsia
696969

Achromatomaly
5D7065

CSS Examples

Text

The CSS property to change the color of the text to Hex 487B5F 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 #487B5F looks like.

```
.text, #text, p{  
    color:#487B5F  
}
```

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 #487B5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487B5F
}
```

Border

The CSS property to change the border of an element to Hex 487B5F 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".

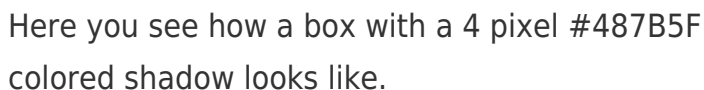
```
.border, #border, table{ border:4px solid
#487B5F }
```

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

```
.border{ border-color:#487B5F }
```

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

Here you see how a box with a 4 pixel #487B5F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487B5F; -webkit-box-shadow:4px 4px  
4px 4px #487B5F; box-shadow:4px 4px 4px  
4px #487B5F }
```

Background

The CSS property to change the background color of an element to Hex 487B5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487B5F }
```

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

```
.background{ background-color:#487B5F }
```

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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