

Converting Colors

Hex(487668)

Have a look what the booklet for
Hex(487668) contains.

| | |
|--|----|
| Hex(487668) | 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(487668)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 487668 |
| RGB | 72, 118, 104 |
| RGB Percent | 28%, 46%, 41% |
| CMY | 0.7176, 0.5373, 0.5922 |
| CMYK | 0.39, 0.00, 0.12, 0.54 |
| HSL | 162°, 24%, 37% |
| HSV | 162°, 39%, 46% |
| XYZ | 11.6496, 15.3341, 15.4425 |
| YIQ | 102.6500, -22.9220, -14.1060 |

Conversions

Conversions Part 2

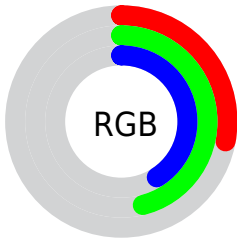
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 72, 99, 118 |
| Decimal | 4748904 |
| CIELab | 46.09, -19.26, 2.75 |
| CIELCh | 46, 19.450, 171.874 |
| Yxy | 15.3341, 0.2746, 0.3614 |
| Android (android.graphics.Color) | 4282938984 (0xFF487668) |
| YUV | 102.6500, 0.6656, -26.8800 |
| Hunter-Lab | 39.1587, -15.4245, 4.0298 |

Details

The Hex color **487668** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **764856**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7BAA9B**, and **174539** is the 20% darker color. If you saturate the color by 10%, you get **3C7664**, and if you desaturate by 10%, it is **54766C**.

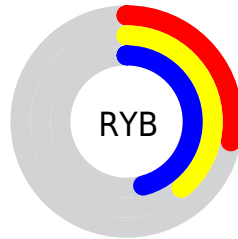
Distribution



Red (28%)

Green (46%)

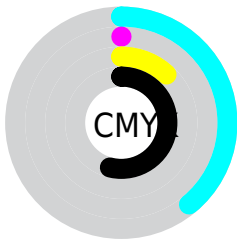
Blue (41%)



Red (28%)

Yellow (39%)

Blue (46%)

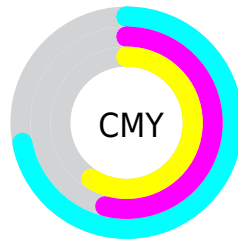


Cyan (39%)

Magenta (0%)

Yellow (12%)

Black (54%)



Cyan (72%)

Magenta (54%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 487668 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 487668 by changing the saturation by 10% instead.



487668



487668

FFFFFF



305D50



7BAA9B



174539



95C6B6



002F24



B0E2D1



001B0E



CCFFEE



000000



E8FFFF



487668



487668



3C7664



54766C



307661



60766F

■ 25765D

■ 6B7673

■ 19765A

■ 777676

■ 0D7656

■ 83767A

■ 017652

■ 8F767E

■ 007652

■ 9B7681

■ A67685

■ B27688

Harmonies

Analogous

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



5A7459



487668



3D7679

Triad

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



487668



6A6B8B



896554

Complementary

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



487668



764856

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.



8E6262



487668



7E6581

Square

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



487668



53708D



8B6272



7D6B4D

Rectangle

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



487668



3D7582



8B6272



8C6458

Sweetspot

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



487668



879993



577648



424D49



CCCCCC



4D4D4D

Same Dimension

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



487668



519983



486E76



353B39



007A55



00FAAE

Inverse Universe

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



764856



995167



765048



3B3537



7A0025



FA004C

Previews

White Background



This preview shows how the Hex color 487668 looks on a white background.

Color Contrast Check

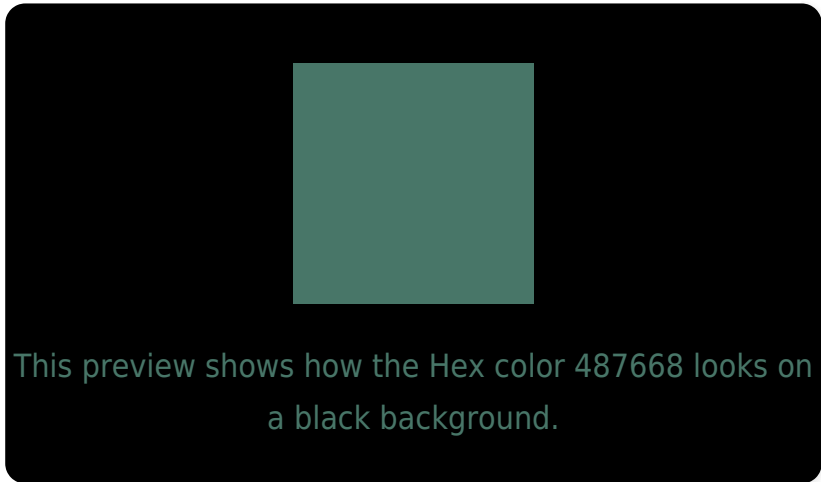
Large Text (above 18pt) WCAG AA ✓ Pass

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

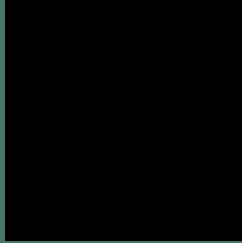
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

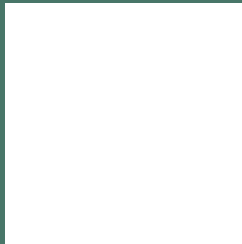
Any Text WCAG AAA × Fail

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

Hex 487668 Background



This preview shows how black text looks on a background with the Hex color 487668.

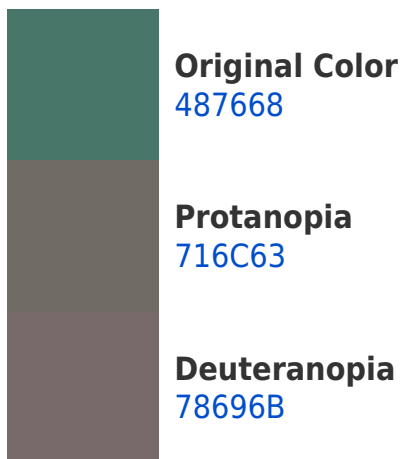



This preview shows how white text looks on a background with the Hex color 487668.

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
4D737C

Trichromacy



Original Color
487668

Protanomaly
627065

Deuteranomaly
676E6A

Tritanomaly
4B7475

Monochromacy



Original Color
487668

Achromatopsia
676767

Achromatomaly
5C6C67

CSS Examples

Text

The CSS property to change the color of the text to Hex 487668 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 #487668 looks like.

```
.text, #text, p{  
    color:#487668  
}
```

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 #487668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487668  
}
```

Border

The CSS property to change the border of an element to Hex 487668 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  
#487668 }
```

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

```
.border{ border-color:#487668 }
```

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

Here you see how a box with a 4 pixel #487668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487668; -webkit-box-shadow:4px 4px  
4px 4px #487668; box-shadow:4px 4px 4px  
4px #487668 }
```

Background

The CSS property to change the background color of an element to Hex 487668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487668 }
```

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

```
.background{ background-color:#487668 }
```

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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