

Converting Colors

Hex(487868)

Have a look what the booklet for
Hex(487868) contains.

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Color

Hex(487868)

Conversions

Conversions Part 1

Format	Color
Hex	487868
RGB	72, 120, 104
RGB Percent	28%, 47%, 41%
CMY	0.7176, 0.5294, 0.5922
CMYK	0.40, 0.00, 0.13, 0.53
HSL	160°, 25%, 38%
HSV	160°, 40%, 47%
XYZ	11.8876, 15.8101, 15.5218
YIQ	103.8240, -23.4720, -15.1520

Conversions

Conversions Part 2

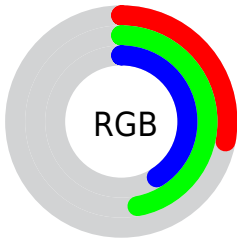
Format	Color
R_{YB}	72, 101, 120
Decimal	4749416
CIE _{Lab}	46.72, -20.32, 3.67
CIE _{LCh}	47, 20.645, 169.767
Yxy	15.8101, 0.2751, 0.3658
Android (android.graphics.Color)	4282939496 (0xFF487868)
YUV	103.8240, 0.0868, -27.9096
Hunter-Lab	39.7620, -16.2172, 4.6884

Details

The Hex color **487868** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **784858**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **7BAD9B**, and **174739** is the 20% darker color. If you saturate the color by 10%, you get **3C7864**, and if you desaturate by 10%, it is **54786C**.

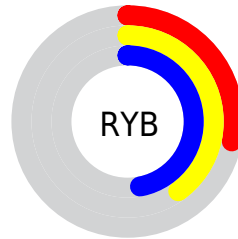
Distribution



Red (28%)

Green (47%)

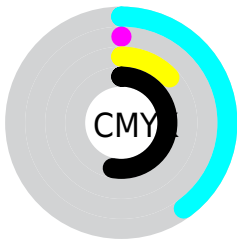
Blue (41%)



Red (28%)

Yellow (40%)

Blue (47%)

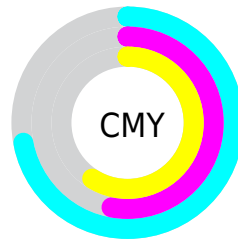


Cyan (40%)

Magenta (0%)

Yellow (13%)

Black (53%)



Cyan (72%)

Magenta (53%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 487868 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 487868 by changing the saturation by 10% instead.

■ 487868

■ 487868

FFFFFF

■ 2F5F50

■ 7BAD9B

■ 174739

■ 95C8B6

■ 003024

■ B0E4D1

■ 001D0E

■ CCFEE

■ 000000

■ E9FFF

■ 487868

■ 487868

■ 3C7864

■ 54786C

■ 307860

■ 607870

■ 24785C

■ 6C7874

■ 187858

■ 787878

■ 0C7854

■ 84787C

■ 007850

■ 907880

■ 9C7884

■ A87888

■ B4788C

Harmonies

Analogous

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



5B7658



487868



3A787A

Triad

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



487868



696C8F



8D6655

Complementary

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



487868



784858

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.



926264



487868



7F6685

Square

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



487868



507290



8D6375



816C4D

Rectangle

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



487868



3A7784



8D6375



8F6459

Sweetspot

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



487868



899C95



587848



444F4B



CFCFCF



4F4F4F

Same Dimension

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



487868



519C83



487078



373D3B



007D53



00FCA8

Inverse Universe

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



784858



9C516A



785048



3D3739



7D002A



FC0054

Previews

White Background



This preview shows how the Hex color 487868 looks on a white background.

Color Contrast Check

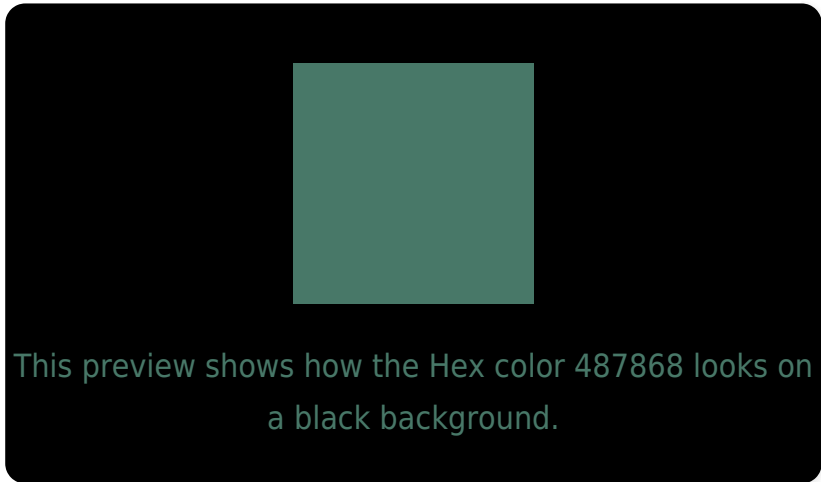
Large Text (above 18pt) WCAG AA ✓ Pass

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 487868 Background



This preview shows how black text looks on a background with the Hex color 487868.



This preview shows how white text looks on a background with the Hex color 487868.

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
487868

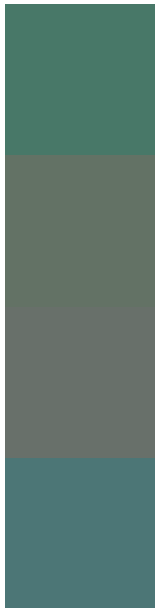
Protanopia
736E63

Deuteranopia
7A6B6B



Tritanopia
4E757E

Trichromacy



Original Color
487868

Protanomaly
637265

Deuteranomaly
68706A

Tritanomaly
4C7676

Monochromacy



Original Color
487868

Achromatopsia
686868

Achromatomaly
5C6E68

CSS Examples

Text

The CSS property to change the color of the text to Hex 487868 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 #487868 looks like.

```
.text, #text, p{  
    color:#487868  
}
```

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 #487868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487868  
}
```

Border

The CSS property to change the border of an element to Hex 487868 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  
#487868 }
```

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

```
.border{ border-color:#487868 }
```

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

Here you see how a box with a 4 pixel #487868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487868; -webkit-box-shadow:4px 4px  
4px 4px #487868; box-shadow:4px 4px 4px  
4px #487868 }
```

Background

The CSS property to change the background color of an element to Hex 487868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487868 }
```

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

```
.background{ background-color:#487868 }
```

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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