

Converting Colors

Hex(487371)

Have a look what the booklet for
Hex(487371) contains.

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Color

Hex(487371)

Conversions

Conversions Part 1

Format	Color
Hex	487371
RGB	72, 115, 113
RGB Percent	28%, 45%, 44%
CMY	0.7176, 0.5490, 0.5569
CMYK	0.37, 0.00, 0.02, 0.55
HSL	177°, 23%, 37%
HSV	177°, 37%, 45%
XYZ	11.7839, 14.8314, 17.8645
YIQ	101.9150, -24.9860, -9.7380

Conversions

Conversions Part 2

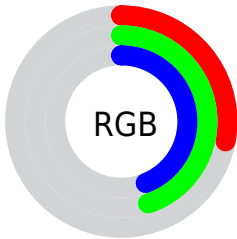
Format	Color
RYB	72, 94, 115
Decimal	4748145
CIELab	45.40, -15.35, -3.62
CIElCh	45, 15.770, 193.283
Yxy	14.8314, 0.2649, 0.3334
Android (android.graphics.Color)	4282938225 (0xFF487371)
YUV	101.9150, 5.4649, -26.2355
Hunter-Lab	38.5116, -12.7775, -0.5449

Details

The Hex color **487371** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73484A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7BA7A5**, and **174341** is the 20% darker color. If you saturate the color by 10%, you get **3D7370**, and if you desaturate by 10%, it is **547372**.

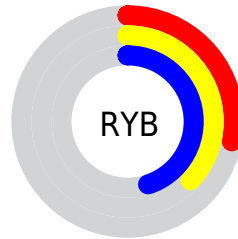
Distribution



Red (28%)

Green (45%)

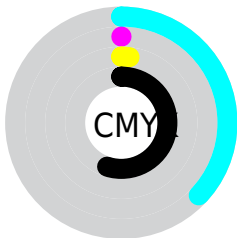
Blue (44%)



Red (28%)

Yellow (37%)

Blue (45%)

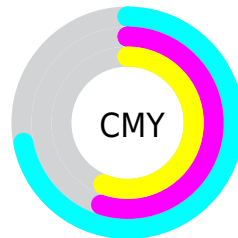


Cyan (37%)

Magenta (0%)

Yellow (2%)

Black (55%)



Cyan (72%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 487371 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 487371 by changing the saturation by 10% instead.

■ 487371

■ 487371

FFFFFF

■ 305A59

■ 7BA7A5

■ 174341

■ 95C2C0

■ 002C2B

■ B0DEDC

■ 001917

■ CCFBF8

■ 000000

■ E9FFFF

■ 487371

■ 487371

■ 3D7370

■ 547372

■ 317370

■ 5F7372

■ 25736F

■ 6B7373

■ 1A736F

■ 767373

■ 0E736E

■ 827374

■ 03736E

■ 8D7374

■ 00736E

■ 997375

■ A47375

■ B07376

Harmonies

Analogous

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



527263



487371



48727D

Triad

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



487371



75667F



7C6853

Complementary

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



487371



73484A

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.



84645A



487371



816373

Square

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



487371



646B85



876266



6F6C52

Rectangle

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



487371



4E7083



876266



806754

Sweetspot

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



487371



869696



4A7348



434D4C



CCCCCC



4D4D4D

Same Dimension

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



487371



539693



486073



353B3A



007A75



00FAEE

Inverse Universe

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



73484A



965356



735B48



3B3535



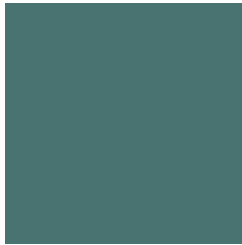
7A0006



FA000C

Previews

White Background



This preview shows how the Hex color 487371 looks on a white background.

Color Contrast Check

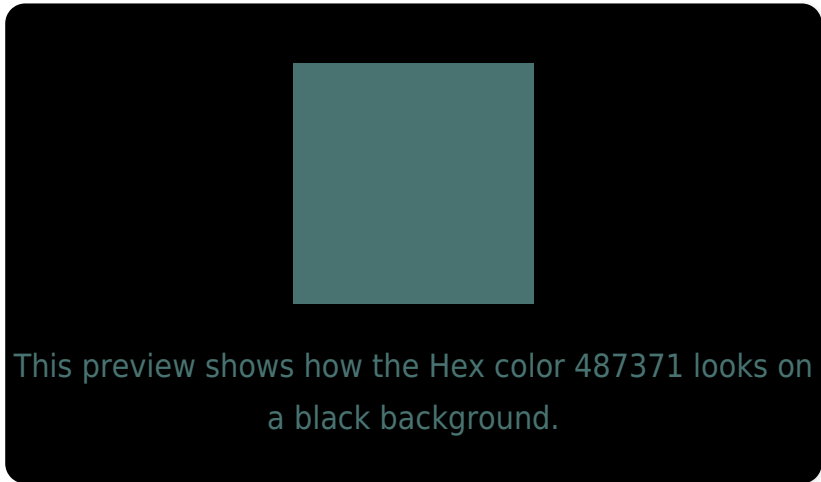
Large Text (above 18pt) WCAG AA ✓ Pass

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

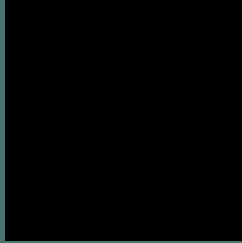
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

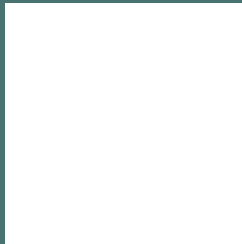
Any Text WCAG AAA × Fail

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

Hex 487371 Background



This preview shows how black text looks on a background with the Hex color 487371.

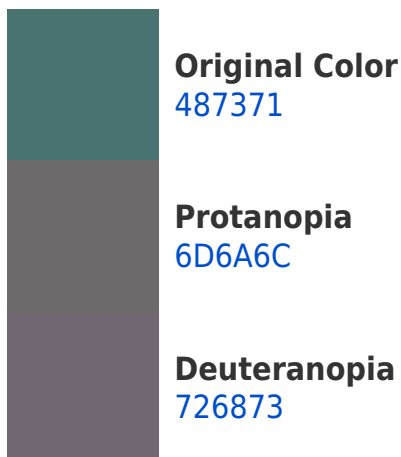


This preview shows how white text looks on a background with the Hex color 487371.

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](#).

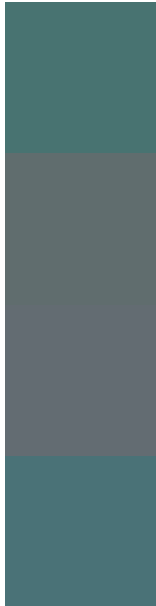
Dichromacy





Tritanopia
4B727B

Trichromacy



Original Color
487371

Protanomaly
606D6E

Deuteranomaly
636C72

Tritanomaly
4A7277

Monochromacy



Original Color
487371

Achromatopsia
666666

Achromatomaly
5B6B6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 487371 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 #487371 looks like.

```
.text, #text, p{  
    color:#487371  
}
```

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 #487371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487371
}
```

Border

The CSS property to change the border of an element to Hex 487371 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
#487371 }
```

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

```
.border{ border-color:#487371 }
```

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

Here you see how a box with a 4 pixel #487371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487371; -webkit-box-shadow:4px 4px  
4px 4px #487371; box-shadow:4px 4px 4px  
4px #487371 }
```

Background

The CSS property to change the background color of an element to Hex 487371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487371 }
```

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

```
.background{ background-color:#487371 }
```

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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