

Converting Colors

Hex(487447)

Have a look what the booklet for
Hex(487447) contains.

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Color

Hex(487447)

Conversions

Conversions Part 1

Format	Color
Hex	487447
RGB	72, 116, 71
RGB Percent	28%, 45%, 28%
CMY	0.7176, 0.5451, 0.7216
CMYK	0.38, 0.00, 0.39, 0.55
HSL	119°, 24%, 37%
HSV	119°, 39%, 45%
XYZ	10.0552, 14.3234, 8.1960
YIQ	97.7140, -11.7790, -23.3230

Conversions

Conversions Part 2

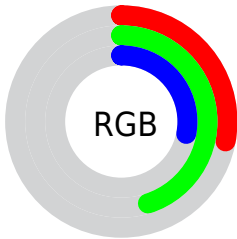
Format	Color
RYB	71, 116, 115
Decimal	4748359
CIELab	44.69, -25.13, 20.20
CIELCh	45, 32.243, 141.213
Yxy	14.3234, 0.3087, 0.4397
Android (android.graphics.Color)	4282938439 (0xFF487447)
YUV	97.7140, -13.1700, -22.5512
Hunter-Lab	37.8463, -18.8062, 13.6526

Details

The Hex color **487447** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **734774**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7AA878**, and **17431A** is the 20% darker color. If you saturate the color by 10%, you get **3D743B**, and if you desaturate by 10%, it is **537453**.

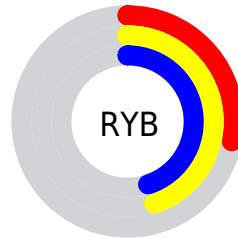
Distribution



Red (28%)

Green (45%)

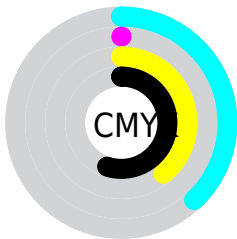
Blue (28%)



Red (28%)

Yellow (45%)

Blue (45%)

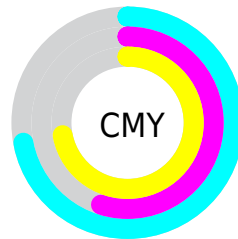


Cyan (38%)

Magenta (0%)

Yellow (39%)

Black (55%)



Cyan (72%)

Magenta (55%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 487447 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 487447 by changing the saturation by 10% instead.

 487447

 487447

FFFFFF

 305B30

 7AA878

 17431A

 95C492

 002D02

 B0E0AC

 001900

 CCFCC8

 000000


 E8FFE4

 487447

 487447

 3D743B

 537453

 317430

 5F745E

■ 267424

■ 6A746A

■ 1B7419

■ 757475

■ 0F740D

■ 817481

■ 047401

■ 8C748D

■ 037400

■ 977498

■ A374A4

■ AE74AF

Harmonies

Analogous

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



676E36



487447



1C7761

Triad

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



487447



2B6F9E



9D5558

Complementary

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



487447



734774

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.



985573



487447



60669C

Square

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



487447



007593



835C8C



945C41

Rectangle

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



487447



007873



835C8C



9D5461

Sweetspot

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



487447



859684



747347



424D42



CCCCCC



4D4D4D

Same Dimension

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



487447



519650



47745C



353B35



037A00



06FA00

Inverse Universe

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



734774



955096



74475F



3B353B



78007A



F400FA

Previews

White Background



This preview shows how the Hex color 487447 looks on a white background.

Color Contrast Check

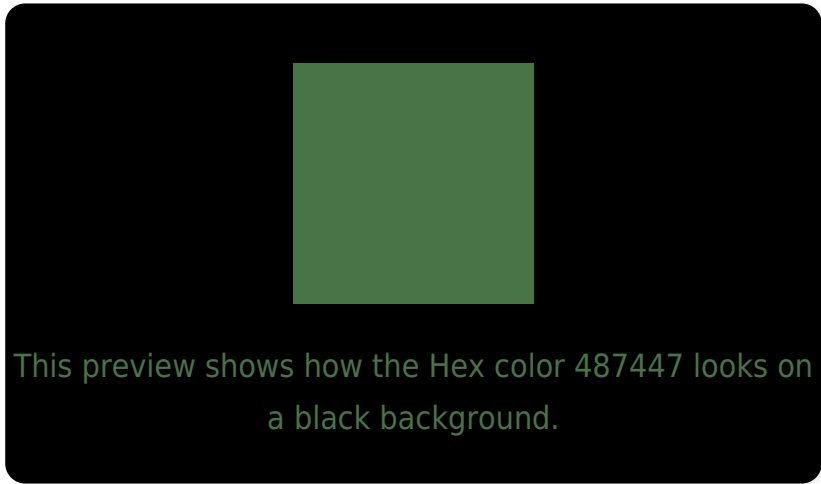
Large Text (above 18pt) WCAG AA ✓ Pass

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

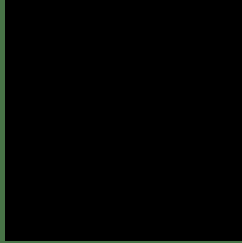
Any Text WCAG AA × Fail

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 487447 Background



This preview shows how black text looks on a background with the Hex color 487447.



This preview shows how white text looks on a background with the Hex color 487447.

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
487447

Protanopia
736943

Deuteranopia
7D654A



Tritanopia
516E77

Trichromacy



Original Color
487447

Protanomaly
636D44

Deuteranomaly
6A6A49

Tritanomaly
4E7066

Monochromacy



Original Color
487447

Achromatopsia
626262

Achromatomaly
596958

CSS Examples

Text

The CSS property to change the color of the text to Hex 487447 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 #487447 looks like.

```
.text, #text, p{  
    color:#487447  
}
```

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 #487447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487447
}
```

Border

The CSS property to change the border of an element to Hex 487447 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
#487447 }
```

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

```
.border{ border-color:#487447 }
```

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

Here you see how a box with a 4 pixel #487447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487447; -webkit-box-shadow:4px 4px  
4px 4px #487447; box-shadow:4px 4px 4px  
4px #487447 }
```

Background

The CSS property to change the background color of an element to Hex 487447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487447 }
```

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

```
.background{ background-color:#487447 }
```

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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