

Converting Colors

Hex(487845)

Have a look what the booklet for
Hex(487845) contains.

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Color

Hex(487845)

Conversions

Conversions Part 1

Format	Color
Hex	487845
RGB	72, 120, 69
RGB Percent	28%, 47%, 27%
CMY	0.7176, 0.5294, 0.7294
CMYK	0.40, 0.00, 0.43, 0.53
HSL	116°, 27%, 37%
HSV	116°, 43%, 47%
XYZ	10.4631, 15.2403, 8.0204
YIQ	99.8340, -12.2370, -26.0370

Conversions

Conversions Part 2

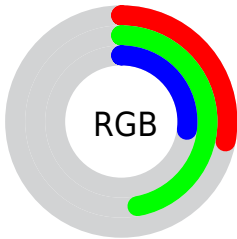
Format	Color
RYB	69, 120, 117
Decimal	4749381
CIELab	45.96, -27.44, 22.99
CIELCh	46, 35.802, 140.045
Yxy	15.2403, 0.3103, 0.4519
Android (android.graphics.Color)	4282939461 (0xFF487845)
YUV	99.8340, -15.2012, -24.4104
Hunter-Lab	39.0389, -20.4767, 15.1462

Details

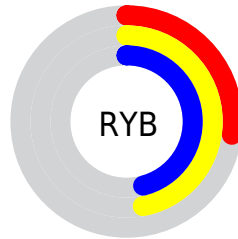
The Hex color **487845** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **754578**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7BAD76**, and **164718** is the 20% darker color. If you saturate the color by 10%, you get **3D7839**, and if you desaturate by 10%, it is **537851**.

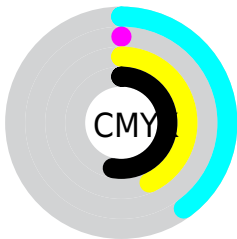
Distribution



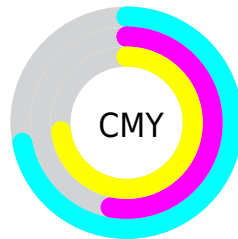
- Red (28%)
- Green (47%)
- Blue (27%)



- Red (27%)
- Yellow (47%)
- Blue (46%)



- Cyan (40%)
- Magenta (0%)
- Yellow (43%)
- Black (53%)



- Cyan (72%)
- Magenta (53%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 487845 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 487845 by changing the saturation by 10% instead.



487845



487845

FFFFFF



2F5F2E



7BAD76



164718



95C890



003000



B1E4AA



001D00



CDFFC6



000000



E9FFE2



487845



487845



3D7839



537851



31782D



5F785D

■ 267821

■ 6A7869

■ 1B7815

■ 757875

■ 107809

■ 807881

■ 077800

■ 8C788D

■ 977899

■ A278A5

■ AE78B1

Harmonies

Analogous

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



6B7132



487845



0B7C61

Triad

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



487845



1773A8



A5555A

Complementary

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



487845



754578

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.



9F5578



487845



5F69A5

Square

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



487845



00799A



885D94



9C5D40

Rectangle

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



487845



007C76



885D94



A55464

Sweetspot

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



487845



899C87



787545



434F42



CFCFCF



4F4F4F

Same Dimension

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



487845



519C4C



45785B



373D37



077D00



0FFC00

Inverse Universe

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



754578



974C9C



784562



3D373D



76007D



EE00FC

Previews

White Background



This preview shows how the Hex color 487845 looks on a white background.

Color Contrast Check

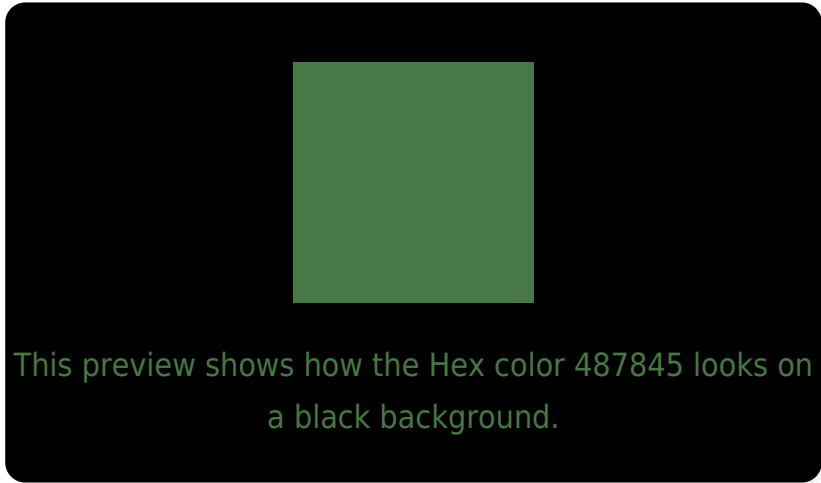
Large Text (above 18pt) WCAG AA ✓ Pass

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

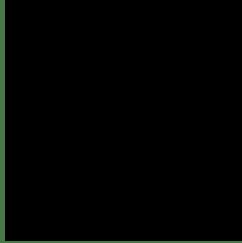
Any Text WCAG AA × Fail

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 487845 Background



This preview shows how black text looks on a background with the Hex color 487845.



This preview shows how white text looks on a background with the Hex color 487845.

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
487845

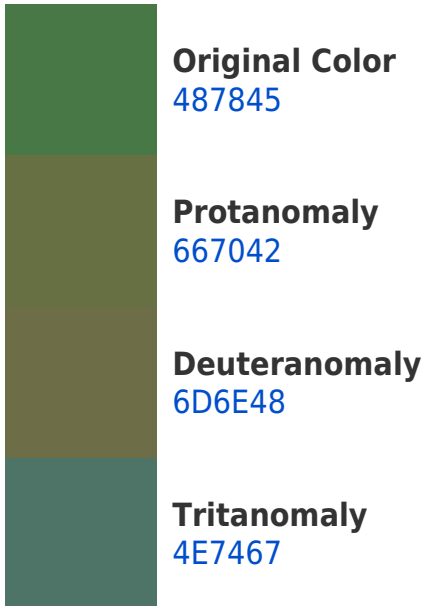
Protanopia
776C41

Deuteranopia
826849

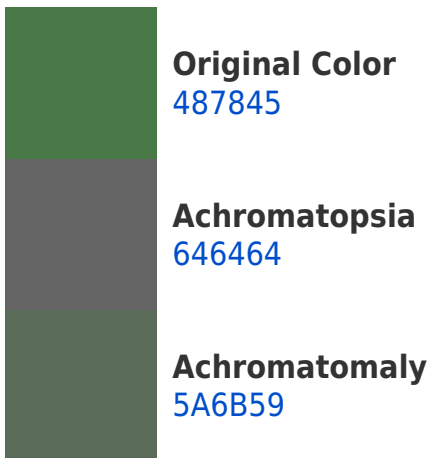


Tritanopia
52727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 487845 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 #487845 looks like.

```
.text, #text, p{  
    color:#487845  
}
```

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 #487845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487845
}
```

Border

The CSS property to change the border of an element to Hex 487845 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
#487845 }
```

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

```
.border{ border-color:#487845 }
```

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

Here you see how a box with a 4 pixel #487845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487845; -webkit-box-shadow:4px 4px  
4px 4px #487845; box-shadow:4px 4px 4px  
4px #487845 }
```

Background

The CSS property to change the background color of an element to Hex 487845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487845 }
```

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

```
.background{ background-color:#487845 }
```

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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