

Converting Colors

Hex(477840)

Have a look what the booklet for
Hex(477840) contains.

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Color

Hex(477840)

Conversions

Conversions Part 1

Format	Color
Hex	477840
RGB	71, 120, 64
RGB Percent	28%, 47%, 25%
CMY	0.7216, 0.5294, 0.7490
CMYK	0.41, 0.00, 0.47, 0.53
HSL	112°, 30%, 36%
HSV	112°, 47%, 47%
XYZ	10.2404, 15.1427, 7.2336
YIQ	98.9650, -11.2280, -27.8040

Conversions

Conversions Part 2

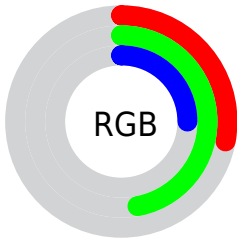
Format	Color
RYB	64, 120, 113
Decimal	4683840
CIELab	45.83, -28.59, 25.60
CIELCh	46, 38.373, 138.153
Yxy	15.1427, 0.3140, 0.4643
Android (android.graphics.Color)	4282873920 (0xFF477840)
YUV	98.9650, -17.2377, -24.5253
Hunter-Lab	38.9136, -21.1252, 16.2182

Details

The Hex color **477840** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **714078**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7AAD71**, and **144713** is the 20% darker color. If you saturate the color by 10%, you get **3C7834**, and if you desaturate by 10%, it is **52784C**.

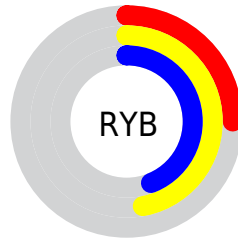
Distribution



Red (28%)

Green (47%)

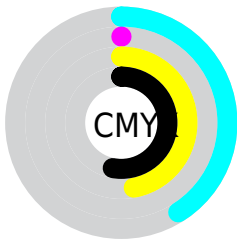
Blue (25%)



Red (25%)

Yellow (47%)

Blue (44%)

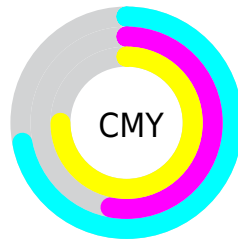


Cyan (41%)

Magenta (0%)

Yellow (47%)

Black (53%)



Cyan (72%)

Magenta (53%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 477840 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 477840 by changing the saturation by 10% instead.



477840



477840

FFFFFF



2E5F29



7AAD71



144713



95C88A



003000



B0E4A5



001D00



CCFFC0



000000



E8FFDC



FFFFFF9



477840



477840



3C7834



52784C

■ 327828

■ 5C7858

■ 28781C

■ 667864

■ 1D7810

■ 717870

■ 137804

■ 7C787C

■ 0F7800

■ 867888

■ 907894

■ 9B78A0

■ A578AC

Harmonies

Analogous

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



6C712D



477840



007C5E

Triad

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



477840



0074AB



A9525A

Complementary

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



477840



714078

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.



A1527B



477840



5969AA

Square

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



477840



007A9C



875C98



A05A3E

Rectangle

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



477840



007D75



875C98



A85165

Sweetspot

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



477840



889C86



787140



434F42



CFCFCF



4F4F4F

Same Dimension

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



477840



4F9C44



407855



383D37



107D00



20FC00

Inverse Universe

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



714078



91449C



784063



3C373D



6D007D



DD00FC

Previews

White Background



This preview shows how the Hex color 477840 looks on a white background.

Color Contrast Check

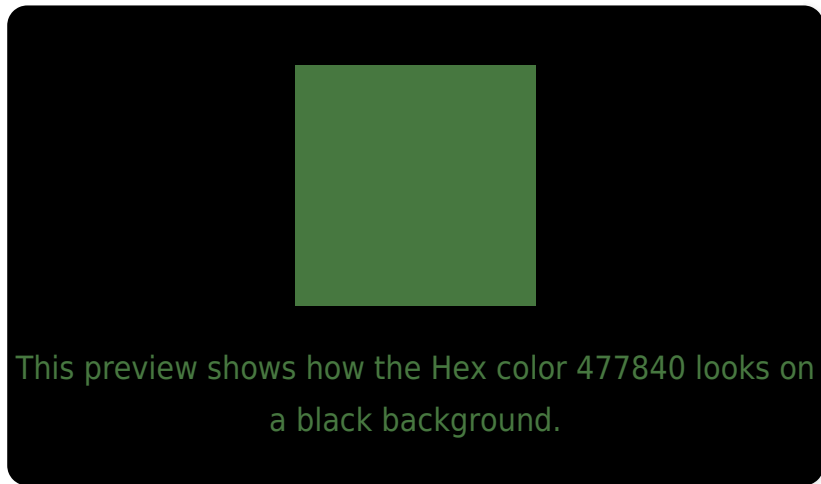
Large Text (above 18pt) WCAG AA ✓ Pass

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

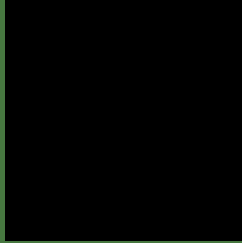
Any Text WCAG AA × Fail

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 477840 Background



This preview shows how black text looks on a background with the Hex color 477840.



This preview shows how white text looks on a background with the Hex color 477840.

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
477840

Protanopia
776C3C

Deuteranopia
826744



Tritanopia
52717A

Trichromacy



Original Color
477840

Protanomaly
66703D

Deuteranomaly
6D6D43

Tritanomaly
4E7465

Monochromacy



Original Color
477840

Achromatopsia
636363

Achromatomaly
596B56

CSS Examples

Text

The CSS property to change the color of the text to Hex 477840 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 #477840 looks like.

```
.text, #text, p{  
    color:#477840  
}
```

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 #477840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477840
}
```

Border

The CSS property to change the border of an element to Hex 477840 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
#477840 }
```

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

```
.border{ border-color:#477840 }
```

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

Here you see how a box with a 4 pixel #477840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477840; -webkit-box-shadow:4px 4px  
4px 4px #477840; box-shadow:4px 4px 4px  
4px #477840 }
```

Background

The CSS property to change the background color of an element to Hex 477840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477840 }
```

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

```
.background{ background-color:#477840 }
```

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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