

Converting Colors

Hex(477376)

Have a look what the booklet for
Hex(477376) contains.

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Color

Hex(477376)

Conversions

Conversions Part 1

Format	Color
Hex	477376
RGB	71, 115, 118
RGB Percent	28%, 45%, 46%
CMY	0.7216, 0.5490, 0.5373
CMYK	0.40, 0.03, 0.00, 0.54
HSL	184°, 25%, 37%
HSV	184°, 40%, 46%
XYZ	11.9993, 14.9091, 19.3848
YIQ	102.1860, -27.1870, -8.3950

Conversions

Conversions Part 2

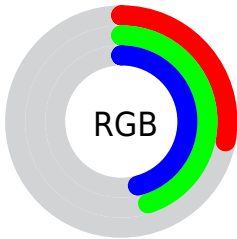
Format	Color
R_{YB}	71, 94, 118
Decimal	4682614
CIE _{Lab}	45.51, -14.30, -6.46
CIE _{LCh}	46, 15.691, 204.316
Yxy	14.9091, 0.2592, 0.3221
Android (android.graphics.Color)	4282872694 (0xFF477376)
YUV	102.1860, 7.7963, -27.3501
Hunter-Lab	38.6123, -12.1002, -2.7373

Details

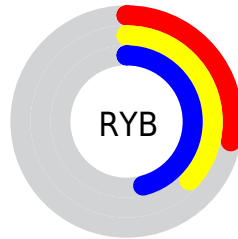
The Hex color **477376** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **764A47**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7AA7AA**, and **154346** is the 20% darker color. If you saturate the color by 10%, you get **3B7276**, and if you desaturate by 10%, it is **537476**.

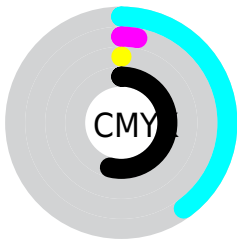
Distribution



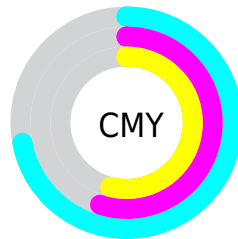
- Red (28%)
- Green (45%)
- Blue (46%)



- Red (28%)
- Yellow (37%)
- Blue (46%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (54%)



- Cyan (72%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 477376 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 477376 by changing the saturation by 10% instead.



477376



477376

FFFFFF



2E5A5D



7AA7AA



154346



94C2C5



002C2F



B0DEE1



00191B



CCFBFE



000000



E8FFFF



477376



477376



3B7276



537476



2F7176



5F7576

■ 247176

■ 6A7576

■ 187076

■ 767676

■ 0C6F76

■ 827776

■ 006E76

■ 8E7876

■ 9A7876

■ A57976

■ B17A76

Harmonies

Analogous

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



4E7369



477376



4B7181

Triad

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



477376



7A657B



786A52

Complementary

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



477376



764A47

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.



826657



477376



84636F

Square

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



477376



6B6983



876362



6A6E54

Rectangle

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



477376



546F85



876362



7C6953

Sweetspot

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



477376



879899



477649



424C4D



CCCCCC



4D4D4D

Same Dimension

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



477376



509499



475C76



353A3B



00737A



00EAFA

Inverse Universe

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



764773



995094



766147



3B353A



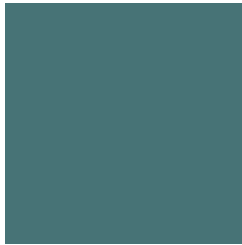
7A0073



FA00EA

Previews

White Background



This preview shows how the Hex color 477376 looks on a white background.

Color Contrast Check

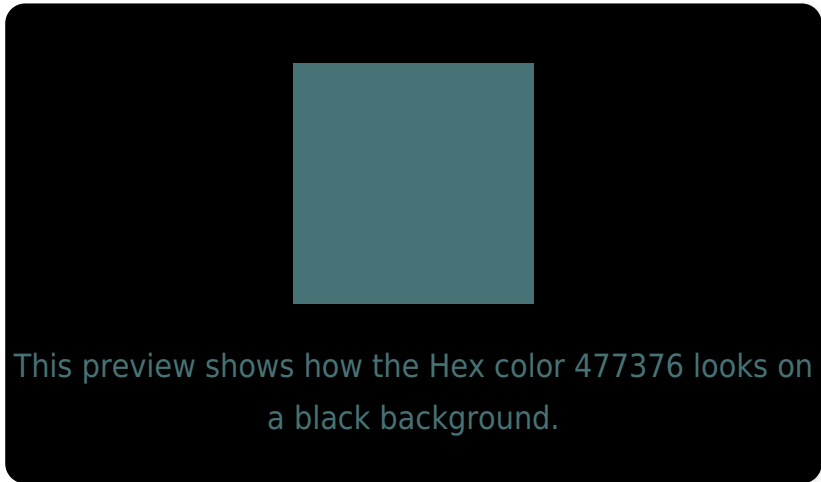
Large Text (above 18pt) WCAG AA ✓ Pass

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

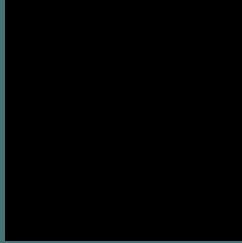
Any Text WCAG AA × Fail

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 477376 Background



This preview shows how black text looks on a background with the Hex color 477376.

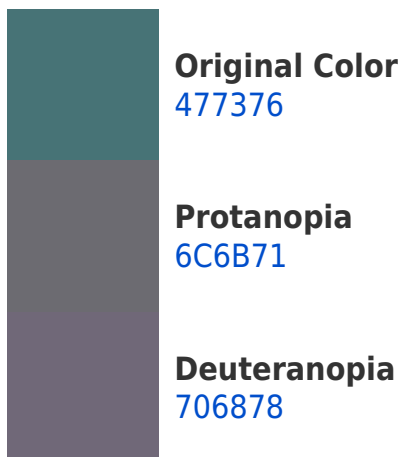


This preview shows how white text looks on a background with the Hex color 477376.

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](#).

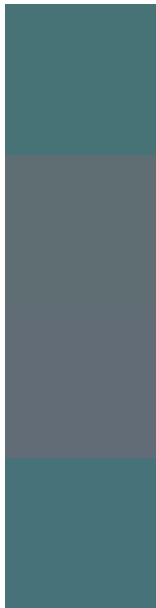
Dichromacy





Tritanopia
48727B

Trichromacy



Original Color
477376

Protanomaly
5F6E73

Deuteranomaly
616C77

Tritanomaly
487279

Monochromacy



Original Color
477376

Achromatopsia
666666

Achromatomaly
5B6B6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 477376 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 #477376 looks like.

```
.text, #text, p{  
    color:#477376  
}
```

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 #477376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477376
}
```

Border

The CSS property to change the border of an element to Hex 477376 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".

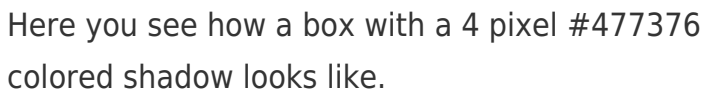
```
.border, #border, table{ border:4px solid
#477376 }
```

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

```
.border{ border-color:#477376 }
```

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

Here you see how a box with a 4 pixel #477376 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477376; -webkit-box-shadow:4px 4px  
4px 4px #477376; box-shadow:4px 4px 4px  
4px #477376 }
```

Background

The CSS property to change the background color of an element to Hex 477376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477376 }
```

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

```
.background{ background-color:#477376 }
```

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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