

Converting Colors

Hex(477266)

Have a look what the booklet for
Hex(477266) contains.

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Color

Hex(477266)

Conversions

Conversions Part 1

Format	Color
Hex	477266
RGB	71, 114, 102
RGB Percent	28%, 45%, 40%
CMY	0.7216, 0.5529, 0.6000
CMYK	0.38, 0.00, 0.11, 0.55
HSL	163°, 23%, 36%
HSV	163°, 38%, 45%
XYZ	11.0141, 14.3335, 14.7565
YIQ	99.7750, -21.7760, -12.8480

Conversions

Conversions Part 2

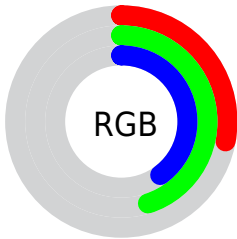
Format	Color
RYB	71, 96, 114
Decimal	4682342
CIELab	44.71, -17.90, 1.94
CIElCh	45, 18.008, 173.827
Yxy	14.3335, 0.2746, 0.3574
Android (android.graphics.Color)	4282872422 (0xFF477266)
YUV	99.7750, 1.0969, -25.2357
Hunter-Lab	37.8596, -14.3252, 3.3924




Details

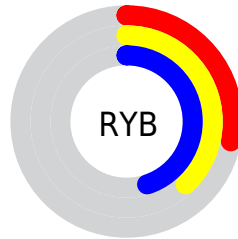
The Hex color **477266** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **724753**, and the grayscale version is **646464**.




A 20% lighter version of the original color is **79A699**, and **174237** is the 20% darker color. If you saturate the color by 10%, you get **3C7263**, and if you desaturate by 10%, it is **527269**.

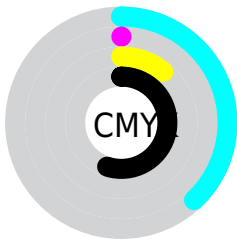
Distribution







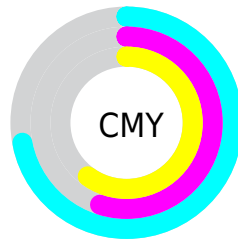
-  Red (28%)
-  Green (45%)
-  Blue (40%)






-  Red (28%)
-  Yellow (38%)
-  Blue (45%)



-  Cyan (38%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (55%)



-  Cyan (72%)
-  Magenta (55%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 477266 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 477266 by changing the saturation by 10% instead.

477266

477266

FFFFFF

2F594E

79A699

174237

94C1B4

002B22

AFDDCF

00180C

CAFAEB

000000

E7FFFF

477266

477266

3C7263

527269

307260

5E726C

■ 25725C

■ 697270

■ 197259

■ 757273

■ 0E7256

■ 807276

■ 037253

■ 8B7279

■ 007252

■ 97727C

■ A2727F

■ AE7283

Harmonies

Analogous

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



577058



477266



3E7275

Triad

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



477266



686785



836352

Complementary

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



477266



724753

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.



885F5E



477266



7A627C

Square

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



477266



536C87



855F6D



78684C

Rectangle

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



477266



3F717E



855F6D



866156

Sweetspot

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



477266



84948F



537247



404A47



C9C9C9



4A4A4A

Same Dimension

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



477266



519481



476972



323837



007856



00F7B2

Inverse Universe

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



724753



945164



725047



383234



780021



F70045

Previews

White Background



This preview shows how the Hex color 477266 looks on a white background.

Color Contrast Check

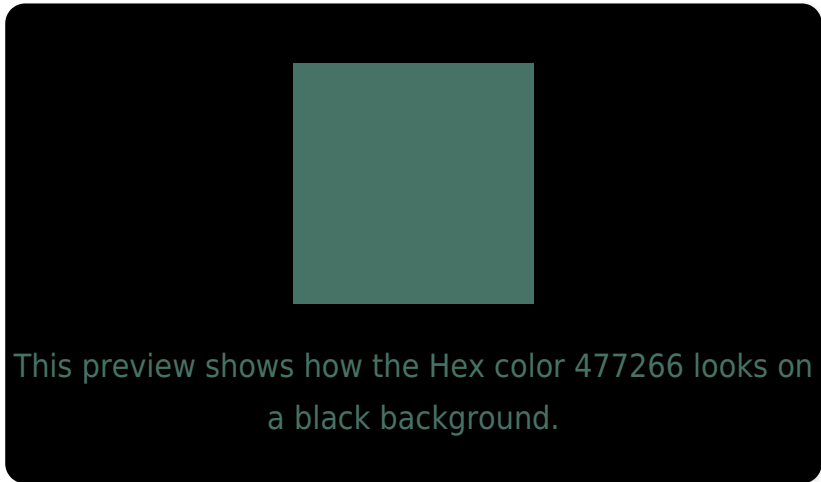
Large Text (above 18pt) WCAG AA ✓ Pass

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

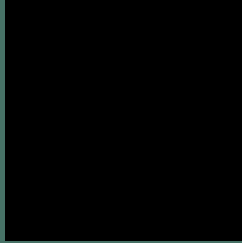
Any Text WCAG AA × Fail

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 477266 Background



This preview shows how black text looks on a background with the Hex color 477266.



This preview shows how white text looks on a background with the Hex color 477266.

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

477266

Protanopia

6D6961

Deuteranopia

746669



Tritanopia
4B6F78

Trichromacy



Original Color
477266

Protanomaly
5F6C63

Deuteranomaly
646A68

Tritanomaly
4A7071

Monochromacy



Original Color
477266

Achromatopsia
646464

Achromatomaly
596965

CSS Examples

Text

The CSS property to change the color of the text to Hex 477266 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 #477266 looks like.

```
.text, #text, p{  
    color:#477266  
}
```

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 #477266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477266
}
```

Border

The CSS property to change the border of an element to Hex 477266 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
#477266 }
```

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

```
.border{ border-color:#477266 }
```

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

Here you see how a box with a 4 pixel #477266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477266; -webkit-box-shadow:4px 4px  
4px 4px #477266; box-shadow:4px 4px 4px  
4px #477266 }
```

Background

The CSS property to change the background color of an element to Hex 477266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477266 }
```

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

```
.background{ background-color:#477266 }
```

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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