

Converting Colors

Hex(476D6C)

Have a look what the booklet for
Hex(476D6C) contains.

Hex(476D6C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(476D6C)

Conversions

Conversions Part 1

Format	Color
Hex	476D6C
RGB	71, 109, 108
RGB Percent	28%, 43%, 42%
CMY	0.7216, 0.5725, 0.5765
CMYK	0.35, 0.00, 0.01, 0.57
HSL	178°, 21%, 35%
HSV	178°, 35%, 43%
XYZ	10.7739, 13.3596, 16.1982
YIQ	97.5240, -22.3270, -8.3670

Conversions

Conversions Part 2

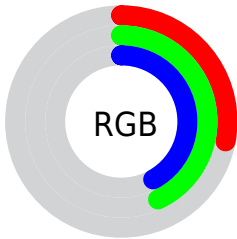
Format	Color
RYB	71, 90, 109
Decimal	4681068
CIELab	43.30, -13.62, -3.73
CIELCh	43, 14.125, 195.322
Yxy	13.3596, 0.2671, 0.3312
Android (android.graphics.Color)	4282871148 (0xFF476D6C)
YUV	97.5240, 5.1647, -23.2615
Hunter-Lab	36.5508, -11.3480, -0.6900

Details

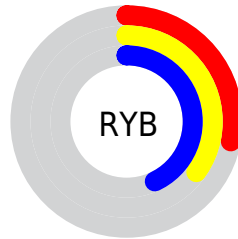
The Hex color **476D6C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D4748**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **79A19F**, and **173D3D** is the 20% darker color. If you saturate the color by 10%, you get **3C6D6C**, and if you desaturate by 10%, it is **526D6C**.

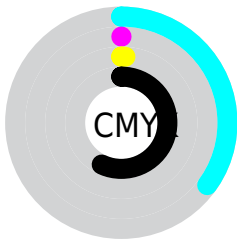
Distribution



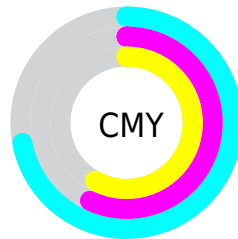
- Red (28%)
- Green (43%)
- Blue (42%)



- Red (28%)
- Yellow (35%)
- Blue (43%)



- Cyan (35%)
- Magenta (0%)
- Yellow (1%)
- Black (57%)



- Cyan (72%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476D6C 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 476D6C by changing the saturation by 10% instead.

 476D6C

 476D6C

FFFFFF

 2F5554

 79A19F

 173D3D

 93BCBA

 002727

 AED7D6

 001412

 CAF4F2

 000000

 E7FFFF

 476D6C

 476D6C

 3C6D6C

 526D6C

 316D6B

 5D6D6D

266D6B

686D6D

1B6D6B

736D6D

106D6B

7E6D6D

066D6A

886D6E

006D6A

936D6E

9E6D6E

A96D6F

Harmonies

Analogous

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



4F6D60



476D6C



486C76

Triad

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



476D6C



706177



756450

Complementary

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



476D6C



6D4748

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.



7C6056



476D6C



7A5F6D

Square

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



476D6C



61657D



7F5E61



696750

Rectangle

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



476D6C



4D6A7B



7F5E61



786251

Sweetspot

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



476D6C



818F8E



486D47



3F4747



C7C7C7



474747

Same Dimension

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



476D6C



538F8D



475B6D



303635



007572



00F5EE

Inverse Universe

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



6D4748



8F5354



6D5947



363030



750003



F50006

Previews

White Background



This preview shows how the Hex color 476D6C looks on a white background.

Color Contrast Check

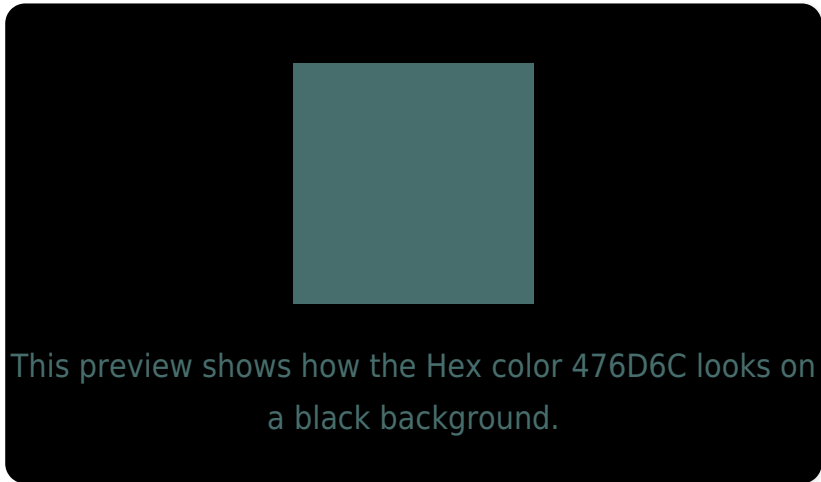
Large Text (above 18pt) WCAG AA ✓ Pass

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

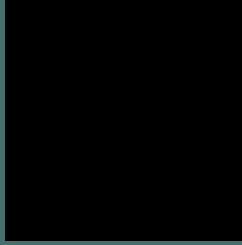
Any Text WCAG AA × Fail

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 476D6C Background



This preview shows how black text looks on a background with the Hex color 476D6C.



This preview shows how white text looks on a background with the Hex color 476D6C.

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
476D6C

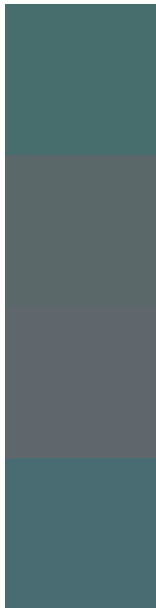
Protanopia
676567

Deuteranopia
6C636E



Tritanopia
496C74

Trichromacy



Original Color
476D6C

Protanomaly
5B6869

Deuteranomaly
5F676D

Tritanomaly
486C71

Monochromacy



Original Color
476D6C

Achromatopsia
626262

Achromatomaly
586666

CSS Examples

Text

The CSS property to change the color of the text to Hex 476D6C 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 #476D6C looks like.

```
.text, #text, p{  
    color:#476D6C  
}
```

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 #476D6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476D6C
}
```

Border

The CSS property to change the border of an element to Hex 476D6C 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
#476D6C }
```

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

```
.border{ border-color:#476D6C }
```

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

Here you see how a box with a 4 pixel #476D6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476D6C; -webkit-box-shadow:4px 4px  
4px 4px #476D6C; box-shadow:4px 4px 4px  
4px #476D6C }
```

Background

The CSS property to change the background color of an element to Hex 476D6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476D6C }
```

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

```
.background{ background-color:#476D6C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor