

Converting Colors

Hex(476C60)

Have a look what the booklet for
Hex(476C60) contains.

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Color

Hex(476C60)

Conversions

Conversions Part 1

Format	Color
Hex	476C60
RGB	71, 108, 96
RGB Percent	28%, 42%, 38%
CMY	0.7216, 0.5765, 0.6235
CMYK	0.34, 0.00, 0.11, 0.58
HSL	161°, 21%, 35%
HSV	161°, 34%, 42%
XYZ	10.0724, 12.9092, 13.0272
YIQ	95.5690, -18.2000, -11.5760

Conversions

Conversions Part 2

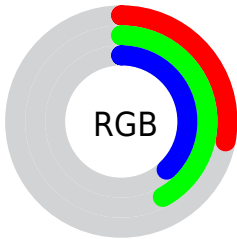
Format	Color
RYB	71, 93, 108
Decimal	4680800
CIELab	42.63, -16.09, 2.53
CIELCh	43, 16.286, 171.067
Yxy	12.9092, 0.2797, 0.3585
Android (android.graphics.Color)	4282870880 (0xFF476C60)
YUV	95.5690, 0.2125, -21.5470
Hunter-Lab	35.9294, -12.8360, 3.6534

Details

The Hex color **476C60** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C4753**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **79A092**, and **183C32** is the 20% darker color. If you saturate the color by 10%, you get **3C6C5C**, and if you desaturate by 10%, it is **526C64**.

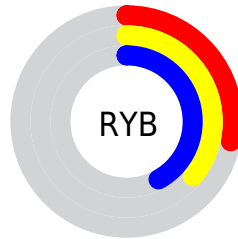
Distribution



Red (28%)

Green (42%)

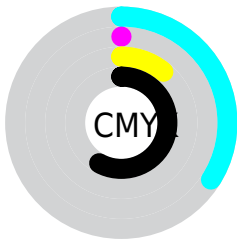
Blue (38%)



Red (28%)

Yellow (36%)

Blue (42%)

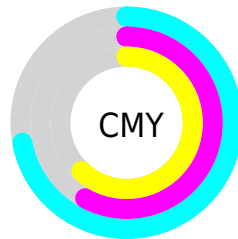


Cyan (34%)

Magenta (0%)

Yellow (11%)

Black (58%)



Cyan (72%)

Magenta (58%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476C60 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 476C60 by changing the saturation by 10% instead.

 476C60

 476C60

FFFFFF

 2F5448

 79A092

 183C32

 93BBAD

 01261D

 AED6C8

 001103

 C9F3E4

 000000


 E6FFFF

 476C60

 476C60

 3C6C5C

 526C64

 316C59

 5D6C67

■ 276C55

■ 676C6B

■ 1C6C52

■ 726C6E

■ 116C4E

■ 7D6C72

■ 066C4B

■ 886C75

■ 006C49

■ 936C79

■ 9D6C7C

■ A86C80

Harmonies

Analogous

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



556A53



476C60



3E6C6E

Triad

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



476C60



61637E



7C5E50

Complementary

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



476C60



6C4753

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.



805B5C



476C60



725E76

Square

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



476C60



4F677F



7D5B69



72624A

Rectangle

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



476C60



3F6B76



7D5B69



7E5D54

Sweetspot

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



476C60



7E8C88



536C47



3F4745



C7C7C7



474747

Same Dimension

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



476C60



538C7A



47666C



303634



00754F



00F5A5

Inverse Universe

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



6C4753



8C5365



6C4D47



363032



750026



F5004F

Previews

White Background



This preview shows how the Hex color 476C60 looks on a white background.

Color Contrast Check

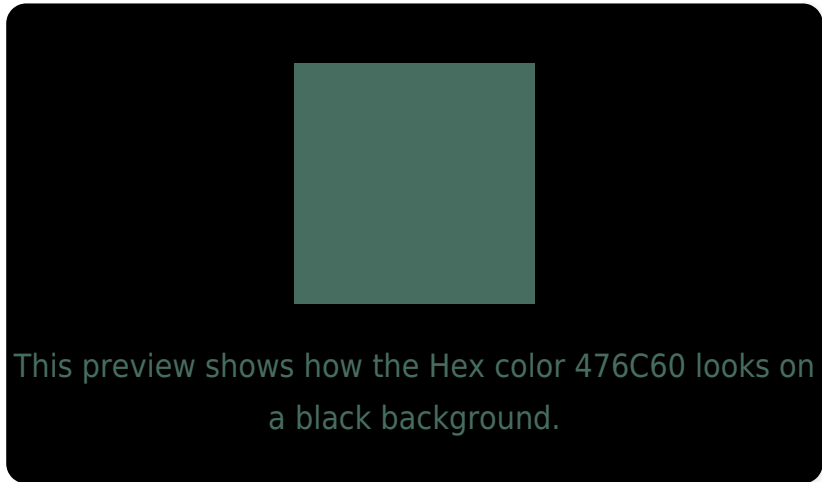
Large Text (above 18pt) WCAG AA ✓ Pass

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

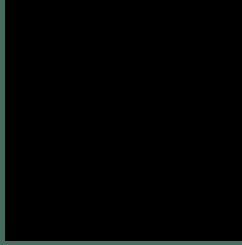
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

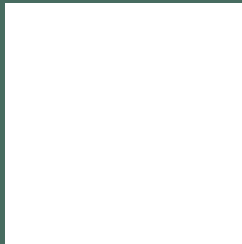
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 476C60 Background



This preview shows how black text looks on a background with the Hex color 476C60.

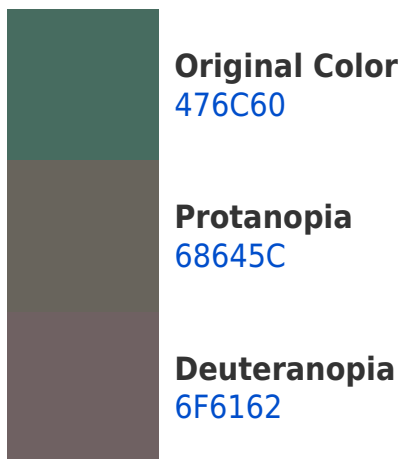



This preview shows how white text looks on a background with the Hex color 476C60.

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](#).

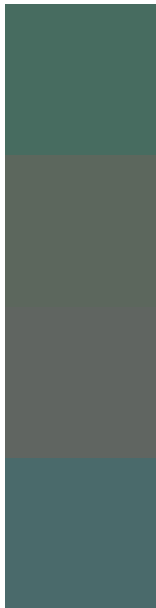
Dichromacy





Tritanopia
4B6972

Trichromacy



Original Color
476C60

Protanomaly
5C675D

Deuteranomaly
606561

Tritanomaly
4A6A6B

Monochromacy



Original Color
476C60

Achromatopsia
606060

Achromatomaly
576460

CSS Examples

Text

The CSS property to change the color of the text to Hex 476C60 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 #476C60 looks like.

```
.text, #text, p{  
    color:#476C60  
}
```

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 #476C60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476C60
}
```

Border

The CSS property to change the border of an element to Hex 476C60 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
#476C60 }
```

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

```
.border{ border-color:#476C60 }
```

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

Here you see how a box with a 4 pixel #476C60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476C60; -webkit-box-shadow:4px 4px  
4px 4px #476C60; box-shadow:4px 4px 4px  
4px #476C60 }
```

Background

The CSS property to change the background color of an element to Hex 476C60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476C60 }
```

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

```
.background{ background-color:#476C60 }
```

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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