

Converting Colors

Hex(476D77)

Have a look what the booklet for
Hex(476D77) contains.

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Color

Hex(476D77)

Conversions

Conversions Part 1

Format	Color
Hex	476D77
RGB	71, 109, 119
RGB Percent	28%, 43%, 47%
CMY	0.7216, 0.5725, 0.5333
CMYK	0.40, 0.08, 0.00, 0.53
HSL	192°, 25%, 37%
HSV	192°, 40%, 47%
XYZ	11.3969, 13.6088, 19.4788
YIQ	98.7780, -25.8580, -4.9460

Conversions

Conversions Part 2

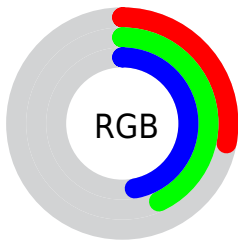
Format	Color
R_{YB}	71, 92, 119
Decimal	4681079
CIE _{Lab}	43.67, -10.62, -9.82
CIE _{LCh}	44, 14.468, 222.745
Yxy	13.6088, 0.2562, 0.3059
Android (android.graphics.Color)	4282871159 (0xFF476D77)
YUV	98.7780, 9.9694, -24.3613
Hunter-Lab	36.8901, -9.4113, -5.4835

Details

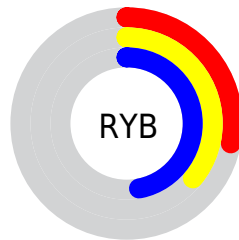
The Hex color **476D77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **775147**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7AA1AB**, and **153D47** is the 20% darker color. If you saturate the color by 10%, you get **3B6B77**, and if you desaturate by 10%, it is **536F77**.

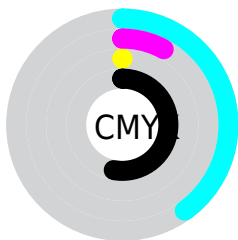
Distribution



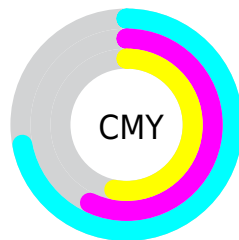
- Red (28%)
- Green (43%)
- Blue (47%)



- Red (28%)
- Yellow (36%)
- Blue (47%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (53%)



- Cyan (72%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476D77 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 476D77 by changing the saturation by 10% instead.

■ 476D77

■ 476D77

FFFFFF

■ 2E555E

■ 7AA1AB

■ 153D47

■ 94BCC6

■ 002830

■ AFD7E2

■ 00141B

■ CBF4FF

■ 000000

■ E8FFFF

■ 476D77

■ 476D77

■ 3B6B77

■ 536F77

■ 2F6877

■ 5F7277

■ 236677

■ 6B7477

■ 176377

■ 777777

■ 0B6177

■ 837977

■ 005E77

■ 8E7C77

■ 9A7E77

■ A68177

■ B28377

Harmonies

Analogous

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



476E6C



476D77



516A7E

Triad

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



476D77



7B5F6F



6B6850

Complementary

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



476D77



775147

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.



776451



476D77



805F62

Square

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



476D77



706279



7E6157



5D6B55

Rectangle

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



476D77



5B687F



7E6157



6F674F

Sweetspot

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



476D77



89989C



477751



444D4F



CFCFCF



4F4F4F

Same Dimension

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



476D77



518C9C



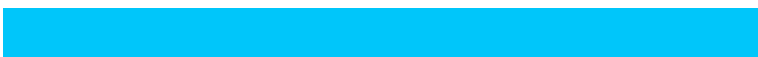
475577



35393B



00617A



00C6FA

Inverse Universe

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



77476D



9C518C



776947



3B3539



7A0061



FA00C6

Previews

White Background



This preview shows how the Hex color 476D77 looks on a white background.

Color Contrast Check

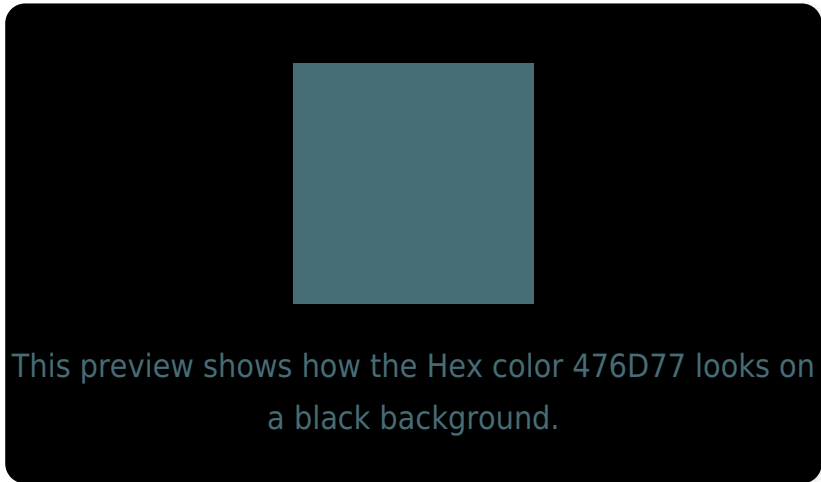
Large Text (above 18pt) WCAG AA ✓ Pass

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

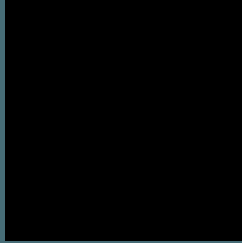
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

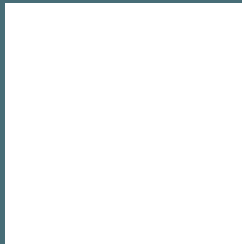
Any Text WCAG AAA × Fail

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

Hex 476D77 Background



This preview shows how black text looks on a background with the Hex color 476D77.

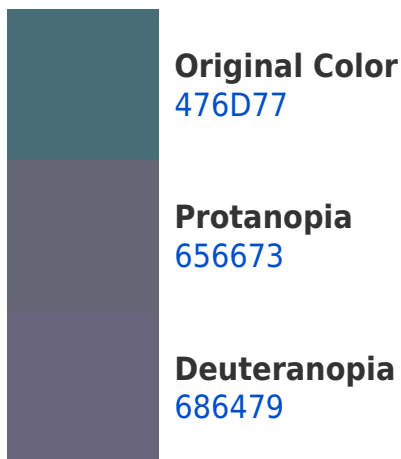



This preview shows how white text looks on a background with the Hex color 476D77.

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](#).

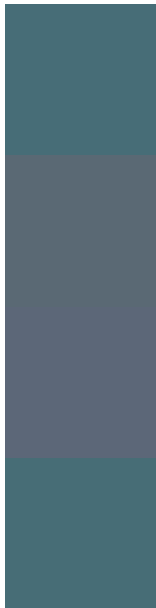
Dichromacy





Tritanopia
476D76

Trichromacy



Original Color
476D77

Protanomaly
5A6974

Deuteranomaly
5C6778

Tritanomaly
476D76

Monochromacy



Original Color
476D77

Achromatopsia
636363

Achromatomaly
59676A

CSS Examples

Text

The CSS property to change the color of the text to Hex 476D77 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 #476D77 looks like.

```
.text, #text, p{  
    color:#476D77  
}
```

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 #476D77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476D77
}
```

Border

The CSS property to change the border of an element to Hex 476D77 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
#476D77 }
```

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

```
.border{ border-color:#476D77 }
```

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

Here you see how a box with a 4 pixel #476D77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476D77; -webkit-box-shadow:4px 4px  
4px 4px #476D77; box-shadow:4px 4px 4px  
4px #476D77 }
```

Background

The CSS property to change the background color of an element to Hex 476D77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476D77 }
```

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

```
.background{ background-color:#476D77 }
```

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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