

Converting Colors

Hex(476C73)

Have a look what the booklet for
Hex(476C73) contains.

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Color

Hex(476C73)

Conversions

Conversions Part 1

Format	Color
Hex	476C73
RGB	71, 108, 115
RGB Percent	28%, 42%, 45%
CMY	0.7216, 0.5765, 0.5490
CMYK	0.38, 0.06, 0.00, 0.55
HSL	190°, 24%, 36%
HSV	190°, 38%, 45%
XYZ	11.0556, 13.3025, 18.2046
YIQ	97.7350, -24.2990, -5.6670

Conversions

Conversions Part 2

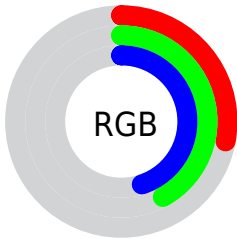
Format	Color
RYB	71, 91, 115
Decimal	4680819
CIELab	43.22, -11.17, -8.08
CIElCh	43, 13.787, 215.902
Yxy	13.3025, 0.2597, 0.3125
Android (android.graphics.Color)	4282870899 (0xFF476C73)
YUV	97.7350, 8.5116, -23.4466
Hunter-Lab	36.4726, -9.7200, -4.0626

Details

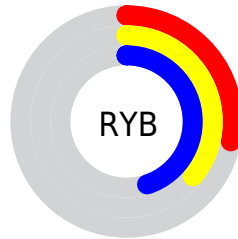
The Hex color **476C73** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **734E47**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **799FA7**, and **163D43** is the 20% darker color. If you saturate the color by 10%, you get **3C6A73**, and if you desaturate by 10%, it is **536E73**.

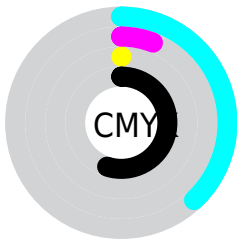
Distribution



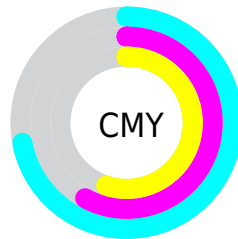
- Red (28%)
- Green (42%)
- Blue (45%)



- Red (28%)
- Yellow (36%)
- Blue (45%)



- Cyan (38%)
- Magenta (6%)
- Yellow (0%)
- Black (55%)



- Cyan (72%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476C73 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 476C73 by changing the saturation by 10% instead.

■ 476C73

■ 476C73

FFFFFF

■ 2F545A

■ 799FA7

■ 163D43

■ 94BAC2

■ 00272D

■ AFD6DE

■ 001318

■ CBF3FB

■ 000000

■ E7FFFF

■ 476C73

■ 476C73

■ 3C6A73

■ 536E73

■ 306873

■ 5E7073

■ 256773

■ 6A7173

■ 196573

■ 757373

■ 0D6373

■ 817573

■ 026173

■ 8C7773

■ 006173

■ 987973

■ A37B73

■ AF7C73

Harmonies

Analogous

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



496D68



476C73



4E6A7B

Triad

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



476C73



775F70



6D664F

Complementary

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



476C73



734E47

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.



776252



476C73



7D5E64

Square

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



476C73



6B6279



7D5F59



606953

Rectangle

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



476C73



57687D



7D5F59



70654F

Sweetspot

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



476C73



869496



47734E



434B4D



CCCCCC



4D4D4D

Same Dimension

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



476C73



518B96



475673



353A3B



00677A



00D2FA

Inverse Universe

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



73476C



96518B



736447



3B353A



7A0067



FA00D2

Previews

White Background



This preview shows how the Hex color 476C73 looks on a white background.

Color Contrast Check

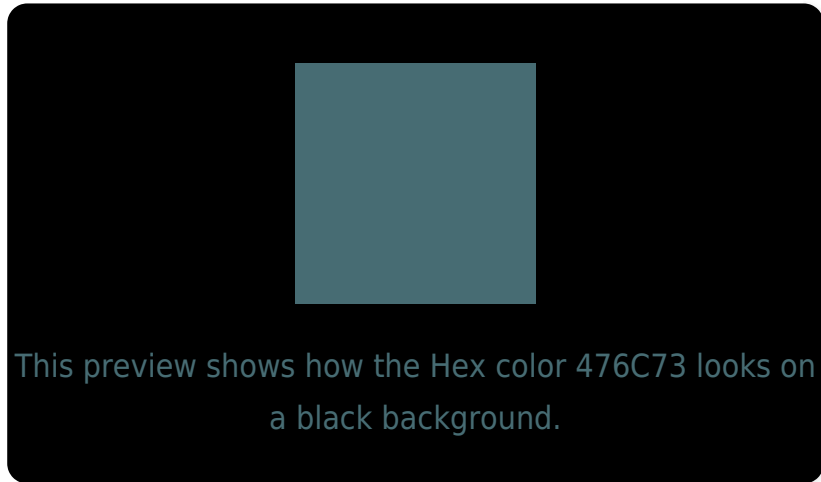
Large Text (above 18pt) WCAG AA ✓ Pass

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

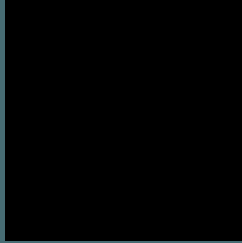
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

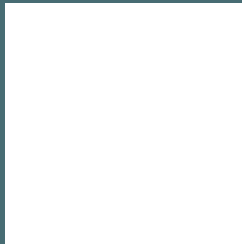
Any Text WCAG AAA × Fail

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

Hex 476C73 Background



This preview shows how black text looks on a background with the Hex color 476C73.

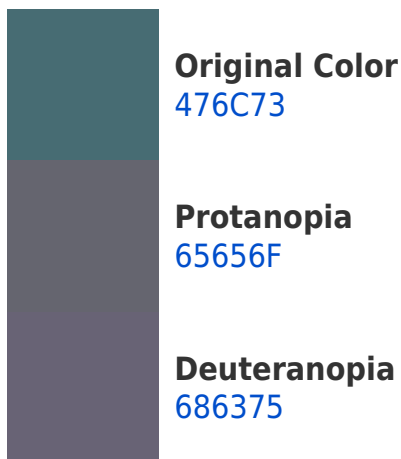


This preview shows how white text looks on a background with the Hex color 476C73.

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](#).

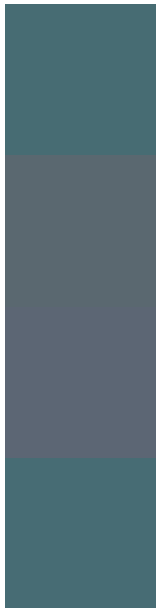
Dichromacy





Tritanopia
476C74

Trichromacy



Original Color
476C73

Protanomaly
5A6870

Deuteranomaly
5C6674

Tritanomaly
476C74

Monochromacy



Original Color
476C73

Achromatopsia
626262

Achromatomaly
586668

CSS Examples

Text

The CSS property to change the color of the text to Hex 476C73 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 #476C73 looks like.

```
.text, #text, p{  
    color:#476C73  
}
```

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 #476C73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476C73
}
```

Border

The CSS property to change the border of an element to Hex 476C73 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
#476C73 }
```

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

```
.border{ border-color:#476C73 }
```

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

Here you see how a box with a 4 pixel #476C73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476C73; -webkit-box-shadow:4px 4px  
4px 4px #476C73; box-shadow:4px 4px 4px  
4px #476C73 }
```

Background

The CSS property to change the background color of an element to Hex 476C73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476C73 }
```

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

```
.background{ background-color:#476C73 }
```

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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