

Converting Colors

Hex(476E5F)

Have a look what the booklet for
Hex(476E5F) contains.

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Color

Hex(476E5F)

Conversions

Conversions Part 1

Format	Color
Hex	476E5F
RGB	71, 110, 95
RGB Percent	28%, 43%, 37%
CMY	0.7216, 0.5686, 0.6275
CMYK	0.35, 0.00, 0.14, 0.57
HSL	157°, 22%, 35%
HSV	157°, 35%, 43%
XYZ	10.2400, 13.3177, 12.8573
YIQ	96.6290, -18.4290, -12.9330

Conversions

Conversions Part 2

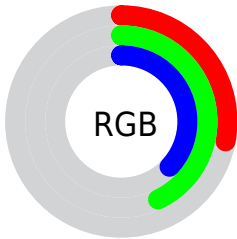
Format	Color
R_{YB}	71, 95, 110
Decimal	4681311
CIE _{Lab}	43.24, -17.42, 4.01
CIE _{LCh}	43, 17.877, 167.024
Yxy	13.3177, 0.2812, 0.3657
Android (android.graphics.Color)	4282871391 (0xFF476E5F)
YUV	96.6290, -0.8031, -22.4766
Hunter-Lab	36.4934, -13.7765, 4.6563

Details

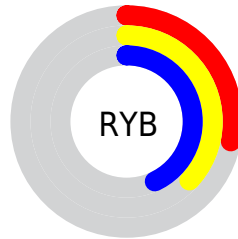
The Hex color **476E5F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E4756**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **79A291**, and **183E31** is the 20% darker color. If you saturate the color by 10%, you get **3C6E5B**, and if you desaturate by 10%, it is **526E63**.

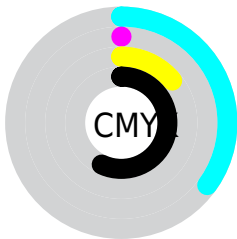
Distribution



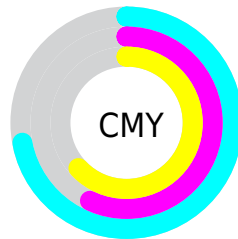
- Red (28%)
- Green (43%)
- Blue (37%)



- Red (28%)
- Yellow (37%)
- Blue (43%)



- Cyan (35%)
- Magenta (0%)
- Yellow (14%)
- Black (57%)



- Cyan (72%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476E5F 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 476E5F by changing the saturation by 10% instead.



476E5F



476E5F

FFFFFF



2F5647



79A291



183E31



93BDAC



01281C



AED9C7



001401



CAF5E3



000000



E6FFFF



476E5F



476E5F



3C6E5B



526E63



316E57



5D6E67

■ 266E52

■ 686E6C

■ 1B6E4E

■ 736E70

■ 106E4A

■ 7E6E74

■ 056E46

■ 896E78

■ 006E44

■ 946E7D

■ 9F6E81

■ AA6E85

Harmonies

Analogous

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



576C52



476E5F



3C6E6E

Triad

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



476E5F



606582



815E51

Complementary

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



476E5F



6E4756

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.



845C5E



476E5F



73607A

Square

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



476E5F



4B6983



805C6D



77634A

Rectangle

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



476E5F



3A6E77



805C6D



835D55

Sweetspot

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



476E5F



7F8F89



576E47



3E4744



C7C7C7



474747

Same Dimension

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



476E5F



518F77



476A6E



323836



00784A



00F798

Inverse Universe

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



6E4756



8F5169



6E4B47



383235



78002E



F7005F

Previews

White Background



This preview shows how the Hex color 476E5F looks on a white background.

Color Contrast Check

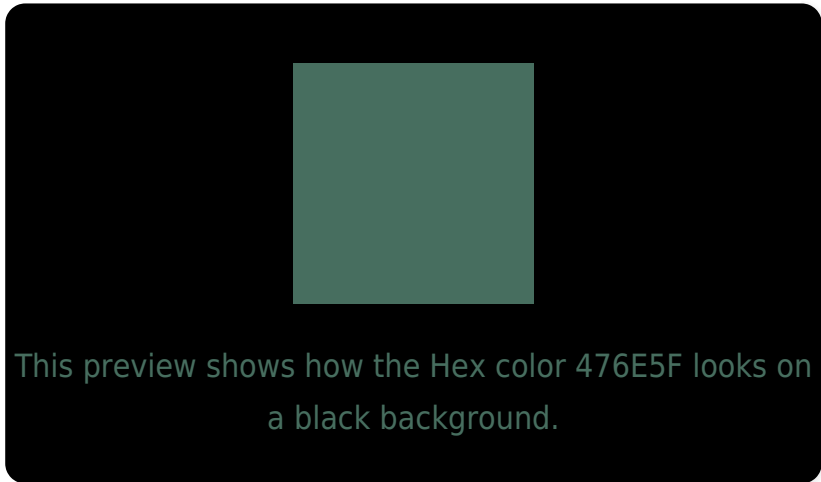
Large Text (above 18pt) WCAG AA ✓ Pass

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

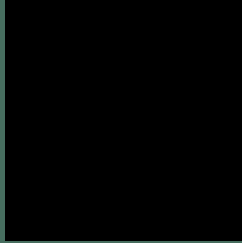
Any Text WCAG AA × Fail

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 476E5F Background



This preview shows how black text looks on a background with the Hex color 476E5F.

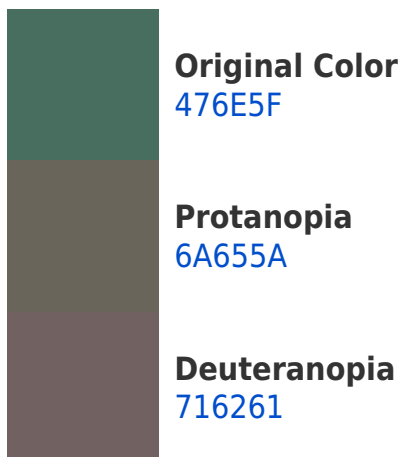


This preview shows how white text looks on a background with the Hex color 476E5F.

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](#).

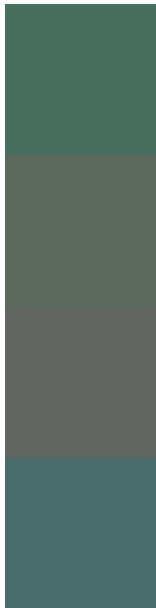
Dichromacy





Tritanopia
4C6B74

Trichromacy



Original Color
476E5F

Protanomaly
5D685C

Deuteranomaly
626660

Tritanomaly
4A6C6C

Monochromacy



Original Color
476E5F

Achromatopsia
616161

Achromatomaly
586660

CSS Examples

Text

The CSS property to change the color of the text to Hex 476E5F 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 #476E5F looks like.

```
.text, #text, p{  
    color:#476E5F  
}
```

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 #476E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476E5F
}
```

Border

The CSS property to change the border of an element to Hex 476E5F 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
#476E5F }
```

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

```
.border{ border-color:#476E5F }
```

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

Here you see how a box with a 4 pixel #476E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476E5F; -webkit-box-shadow:4px 4px  
4px 4px #476E5F; box-shadow:4px 4px 4px  
4px #476E5F }
```

Background

The CSS property to change the background color of an element to Hex 476E5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476E5F }
```

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

```
.background{ background-color:#476E5F }
```

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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