

Converting Colors

Hex(476E7A)

Have a look what the booklet for
Hex(476E7A) contains.

Hex(476E7A)	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(476E7A)

Conversions

Conversions Part 1

Format	Color
Hex	476E7A
RGB	71, 110, 122
RGB Percent	28%, 43%, 48%
CMY	0.7216, 0.5686, 0.5216
CMYK	0.42, 0.10, 0.00, 0.52
HSL	194°, 26%, 38%
HSV	194°, 42%, 48%
XYZ	11.6873, 13.8966, 20.4787
YIQ	99.7070, -27.0960, -4.5360

Conversions

Conversions Part 2

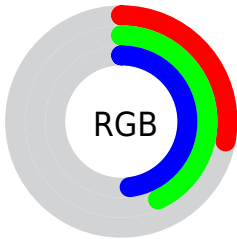
Format	Color
RYB	71, 93, 122
Decimal	4681338
CIELab	44.08, -10.35, -11.00
CIELCh	44, 15.100, 226.735
Yxy	13.8966, 0.2537, 0.3017
Android (android.graphics.Color)	4282871418 (0xFF476E7A)
YUV	99.7070, 10.9904, -25.1760
Hunter-Lab	37.2781, -9.2740, -6.4762

Details

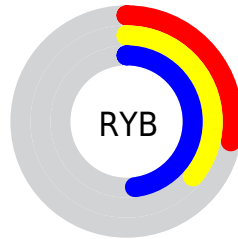
The Hex color **476E7A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5347**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **7AA2AE**, and **153E49** is the 20% darker color. If you saturate the color by 10%, you get **3B6B7A**, and if you desaturate by 10%, it is **53717A**.

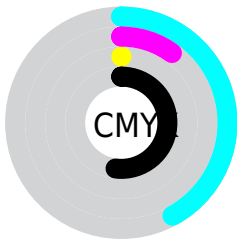
Distribution



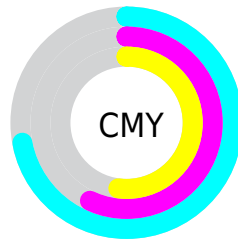
- Red (28%)
- Green (43%)
- Blue (48%)



- Red (28%)
- Yellow (36%)
- Blue (48%)



- Cyan (42%)
- Magenta (10%)
- Yellow (0%)
- Black (52%)



- Cyan (72%)
- Magenta (57%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 476E7A 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 476E7A by changing the saturation by 10% instead.

■ 476E7A

■ 476E7A

FFFFFF

■ 2E5661

■ 7AA2AE

■ 153E49

■ 94BDCA

■ 002833

■ B0D8E6

■ 00151E

■ CCF5FF

■ 000002

■ E8FFFF

■ 000000

■ 476E7A

■ 476E7A

■ 3B6B7A

■ 53717A

■ 2F687A

■ 5F747A

■ 22657A

■ 6C777A

■ 16637A

■ 78797A

■ 0A607A

■ 847C7A

■ 005D7A

■ 907F7A

■ 9C827A

■ A9857A

■ B5887A

Harmonies

Analogous

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



466F6F



476E7A



526B80

Triad

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



476E7A



7E606E



6A6A50

Complementary

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



476E7A



7A5347

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.



776550



476E7A



825F62

Square

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



476E7A



736379



7F6256



5C6D57

Rectangle

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



476E7A



5D6881



7F6256



6F684F

Sweetspot

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



476E7A



8A999E



477A53



424C4F



CFCFCF



4F4F4F

Same Dimension

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



476E7A



4F8B9E



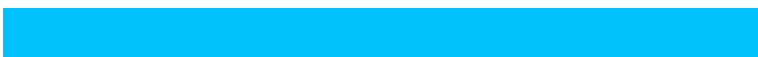
47557A



373C3D



00607D



00C1FC

Inverse Universe

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



7A476E



9E4F8B



7A6C47



3D373C



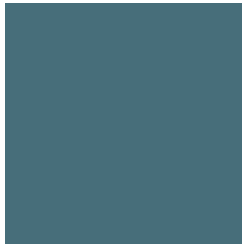
7D0060



FC00C1

Previews

White Background



This preview shows how the Hex color 476E7A looks on a white background.

Color Contrast Check

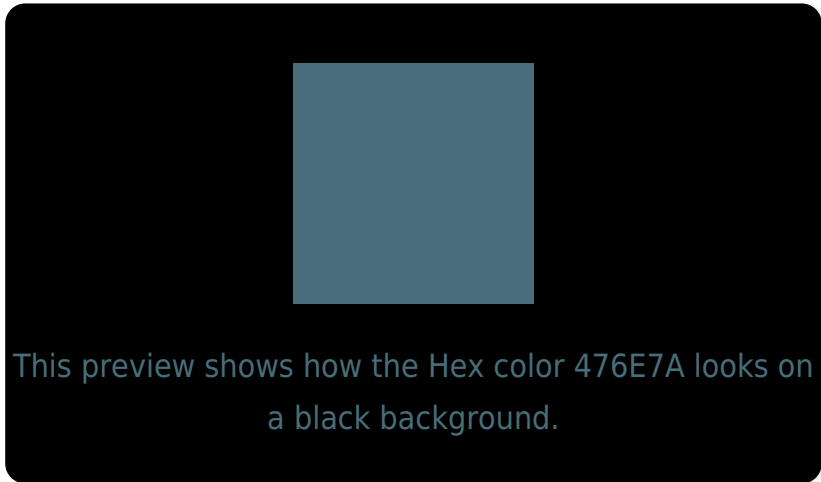
Large Text (above 18pt) WCAG AA ✓ Pass

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

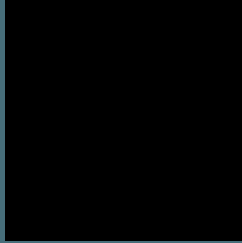
Any Text WCAG AA × Fail

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 476E7A Background



This preview shows how black text looks on a background with the Hex color 476E7A.

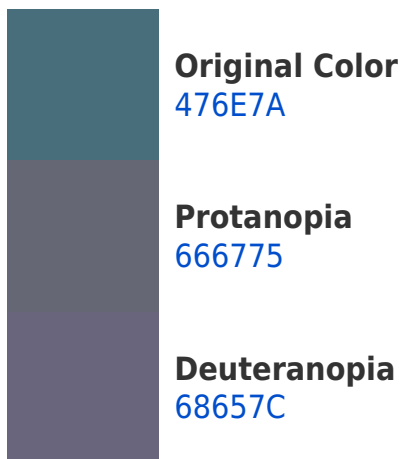


This preview shows how white text looks on a background with the Hex color 476E7A.

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](#).

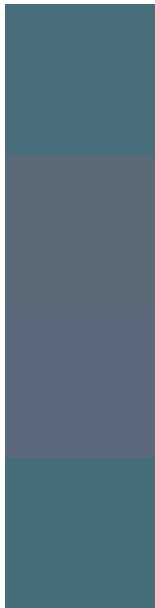
Dichromacy





Tritanopia
466E77

Trichromacy



Original Color
476E7A

Protanomaly
5B6A77

Deuteranomaly
5C687B

Tritanomaly
466E78

Monochromacy



Original Color
476E7A

Achromatopsia
646464

Achromatomaly
59686C

CSS Examples

Text

The CSS property to change the color of the text to Hex 476E7A 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 #476E7A looks like.

```
.text, #text, p{  
    color:#476E7A  
}
```

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 #476E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476E7A
}
```

Border

The CSS property to change the border of an element to Hex 476E7A 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
#476E7A }
```

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

```
.border{ border-color:#476E7A }
```

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

Here you see how a box with a 4 pixel #476E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476E7A; -webkit-box-shadow:4px 4px  
4px 4px #476E7A; box-shadow:4px 4px 4px  
4px #476E7A }
```

Background

The CSS property to change the background color of an element to Hex 476E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476E7A }
```

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

```
.background{ background-color:#476E7A }
```

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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