

Converting Colors

Hex(436E7C)

Have a look what the booklet for
Hex(436E7C) contains.

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Color

Hex(436E7C)

Conversions

Conversions Part 1

Format	Color
Hex	436E7C
RGB	67, 110, 124
RGB Percent	26%, 43%, 49%
CMY	0.7373, 0.5686, 0.5137
CMYK	0.46, 0.11, 0.00, 0.51
HSL	195°, 30%, 37%
HSV	195°, 46%, 49%
XYZ	11.5288, 13.8004, 21.1249
YIQ	98.7390, -30.1220, -4.7620

Conversions

Conversions Part 2

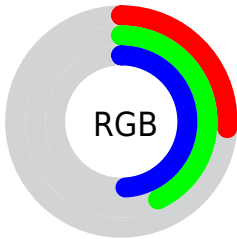
Format	Color
RYB	67, 92, 124
Decimal	4419196
CIELab	43.95, -10.88, -12.43
CIELCh	44, 16.517, 228.801
Yxy	13.8004, 0.2482, 0.2971
Android (android.graphics.Color)	4282609276 (0xFF436E7C)
YUV	98.7390, 12.4537, -27.8351
Hunter-Lab	37.1489, -9.6149, -7.7113

Details

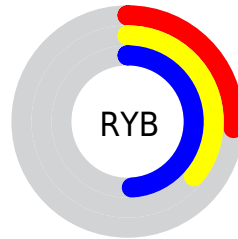
The Hex color **436E7C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C5143**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **76A2B1**, and **0D3E4B** is the 20% darker color. If you saturate the color by 10%, you get **376B7C**, and if you desaturate by 10%, it is **4F717C**.

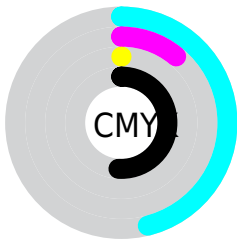
Distribution



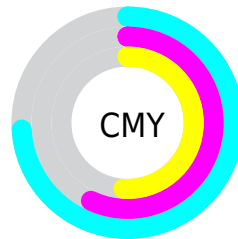
- Red (26%)
- Green (43%)
- Blue (49%)



- Red (26%)
- Yellow (36%)
- Blue (49%)



- Cyan (46%)
- Magenta (11%)
- Yellow (0%)
- Black (51%)



- Cyan (74%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 436E7C 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 436E7C by changing the saturation by 10% instead.

■ 436E7C

■ 436E7C

FFFFFF

■ 2A5663

■ 76A2B1

■ 0D3E4B

■ 91BDCC

■ 002835

■ ACD8E8

■ 00151F

■ C8F5FF

■ 000005

■ E5FFFF

■ 000000

■ 436E7C

■ 436E7C

■ 376B7C

■ 4F717C

■ 2A687C

■ 5C747C

■ 1E657C

■ 68777C

■ 11627C

■ 757A7C

■ 055F7C

■ 817D7C

■ 005E7C

■ 8D807C

■ 9A837C

■ A6867C

■ B3897C

Harmonies

Analogous

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



417070



436E7C



516B82

Triad

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



436E7C



805E6E



696A4E

Complementary

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



436E7C



7C5143

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.



77654D



436E7C



845E60

Square

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



436E7C



74627A



816154



596D55

Rectangle

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



436E7C



5D6883



816154



6E684D

Sweetspot

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



436E7C



8A9BA1



437C50



444E52



D1D1D1



525252

Same Dimension

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



436E7C



488BA1



43527C



373C3D



005E7D



00BEFC

Inverse Universe

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



7C436E



A1488B



7C6D43



3D373C



7D005E



FC00BE

Previews

White Background



This preview shows how the Hex color 436E7C looks on a white background.

Color Contrast Check

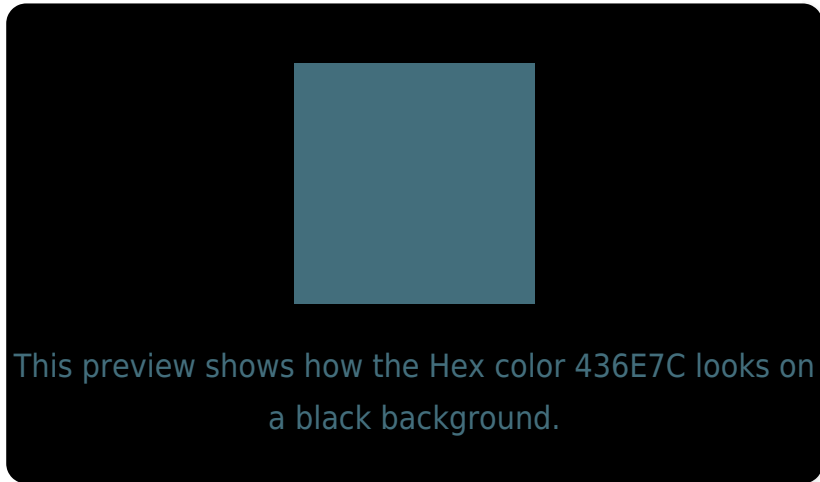
Large Text (above 18pt) WCAG AA ✓ Pass

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

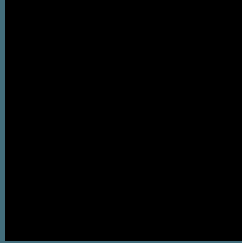
Any Text WCAG AA × Fail

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 436E7C Background



This preview shows how black text looks on a background with the Hex color 436E7C.

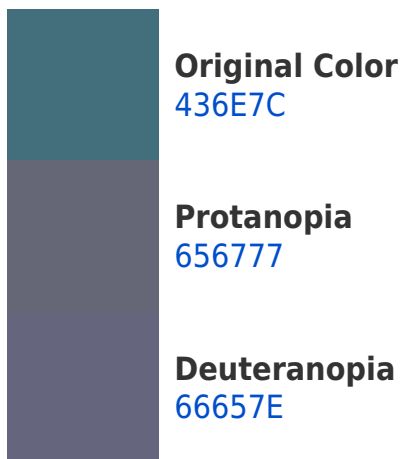


This preview shows how white text looks on a background with the Hex color 436E7C.

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](#).

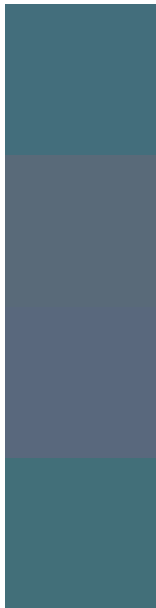
Dichromacy





Tritanopia
426F78

Trichromacy



Original Color
436E7C

Protanomaly
596A79

Deuteranomaly
59687D

Tritanomaly
426F79

Monochromacy



Original Color
436E7C

Achromatopsia
636363

Achromatomaly
57676C

CSS Examples

Text

The CSS property to change the color of the text to Hex 436E7C 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 #436E7C looks like.

```
.text, #text, p{  
    color:#436E7C  
}
```

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 #436E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436E7C  
}
```

Border

The CSS property to change the border of an element to Hex 436E7C 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  
#436E7C }
```

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

```
.border{ border-color:#436E7C }
```

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

Here you see how a box with a 4 pixel #436E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436E7C; -webkit-box-shadow:4px 4px  
4px 4px #436E7C; box-shadow:4px 4px 4px  
4px #436E7C }
```

Background

The CSS property to change the background color of an element to Hex 436E7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436E7C }
```

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

```
.background{ background-color:#436E7C }
```

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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