

Converting Colors

Hex(436E74)

Have a look what the booklet for
Hex(436E74) contains.

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Color

Hex(436E74)

Conversions

Conversions Part 1

Format	Color
Hex	436E74
RGB	67, 110, 116
RGB Percent	26%, 43%, 45%
CMY	0.7373, 0.5686, 0.5451
CMYK	0.42, 0.05, 0.00, 0.55
HSL	187°, 27%, 36%
HSV	187°, 42%, 45%
XYZ	11.0431, 13.6061, 18.5672
YIQ	97.8270, -27.5540, -7.2500

Conversions

Conversions Part 2

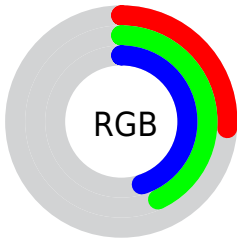
Format	Color
RYB	67, 90, 116
Decimal	4419188
CIELab	43.66, -13.19, -8.04
CIElCh	44, 15.445, 211.371
Yxy	13.6061, 0.2555, 0.3148
Android (android.graphics.Color)	4282609268 (0xFF436E74)
YUV	97.8270, 8.9593, -27.0353
Hunter-Lab	36.8865, -11.1120, -4.0238

Details

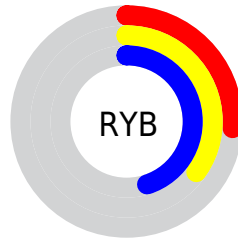
The Hex color **436E74** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **744943**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **76A2A8**, and **103E44** is the 20% darker color. If you saturate the color by 10%, you get **376D74**, and if you desaturate by 10%, it is **4F6F74**.

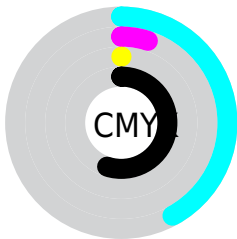
Distribution



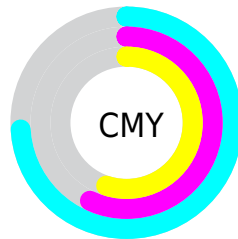
- Red (26%)
- Green (43%)
- Blue (45%)



- Red (26%)
- Yellow (35%)
- Blue (45%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (55%)



- Cyan (74%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 436E74 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 436E74 by changing the saturation by 10% instead.

■ 436E74

■ 436E74

FFFFFF

■ 2A565B

■ 76A2A8

■ 103E44

■ 90BDC3

■ 00282E

■ ABD9DF

■ 001519

■ C7F5FC

■ 000000

■ E4FFFF

■ 436E74

■ 436E74

■ 376D74

■ 4F6F74

■ 2C6B74

■ 5A7174

■ 206A74

■ 667274

■ 156874

■ 717474

■ 096774

■ 7D7574

■ 006674

■ 897774

■ 947874

■ A07974

■ AB7B74

Harmonies

Analogous

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



486E67



436E74



4A6C7D

Triad

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



436E74



786074



70664E

Complementary

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



436E74



744943

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.



7B6251



436E74



805E67

Square

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



436E74



6A647D



815F5A



626A51

Rectangle

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



436E74



536980



815F5A



74654E

Sweetspot

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



436E74



839496



437449



404B4D



CCCCCC



4D4D4D

Same Dimension

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



436E74



4A8D96



435674



353A3B



006B7A



00DBFA

Inverse Universe

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



74436E



964A8D



746143



3B353A



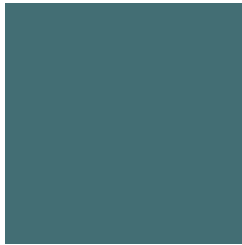
7A006B



FA00DB

Previews

White Background



This preview shows how the Hex color 436E74 looks on a white background.

Color Contrast Check

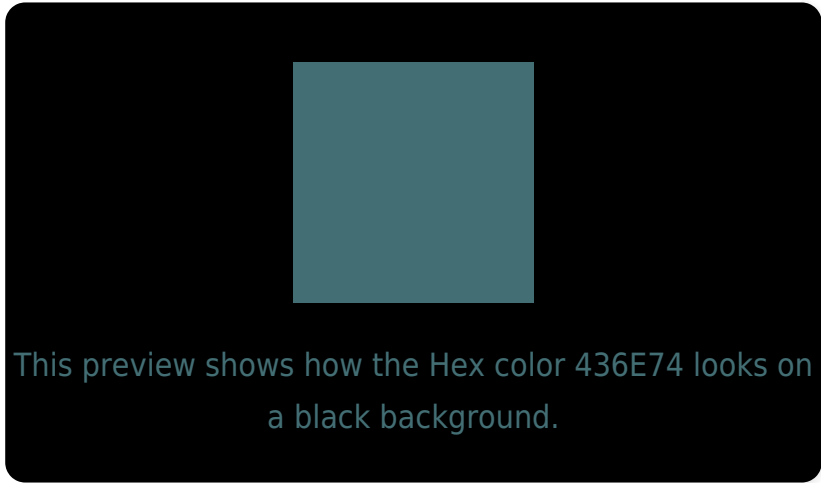
Large Text (above 18pt) WCAG AA ✓ Pass

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

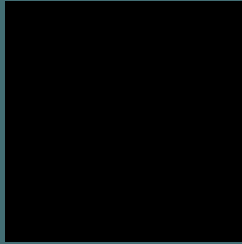
Any Text WCAG AA × Fail

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 436E74 Background



This preview shows how black text looks on a background with the Hex color 436E74.

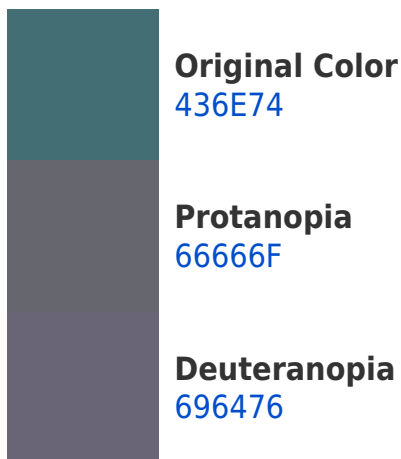


This preview shows how white text looks on a background with the Hex color 436E74.

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](#).

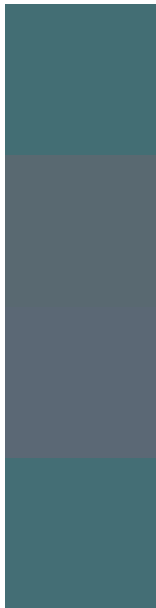
Dichromacy





Tritanopia
446E76

Trichromacy



Original Color
436E74

Protanomaly
596971

Deuteranomaly
5B6875

Tritanomaly
446E75

Monochromacy



Original Color
436E74

Achromatopsia
626262

Achromatomaly
576669

CSS Examples

Text

The CSS property to change the color of the text to Hex 436E74 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 #436E74 looks like.

```
.text, #text, p{  
    color:#436E74  
}
```

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 #436E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436E74  
}
```

Border

The CSS property to change the border of an element to Hex 436E74 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  
#436E74 }
```

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

```
.border{ border-color:#436E74 }
```

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

Here you see how a box with a 4 pixel #436E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436E74; -webkit-box-shadow:4px 4px  
4px 4px #436E74; box-shadow:4px 4px 4px  
4px #436E74 }
```

Background

The CSS property to change the background color of an element to Hex 436E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436E74 }
```

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

```
.background{ background-color:#436E74 }
```

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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