

Converting Colors

Hex(436A69)

Have a look what the booklet for
Hex(436A69) contains.

Hex(436A69)	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(436A69)

Conversions

Conversions Part 1

Format	Color
Hex	436A69
RGB	67, 106, 105
RGB Percent	26%, 42%, 41%
CMY	0.7373, 0.5843, 0.5882
CMYK	0.37, 0.00, 0.01, 0.58
HSL	178°, 23%, 34%
HSV	178°, 37%, 42%
XYZ	10.0186, 12.5213, 15.2534
YIQ	94.2250, -22.9230, -8.5790

Conversions

Conversions Part 2

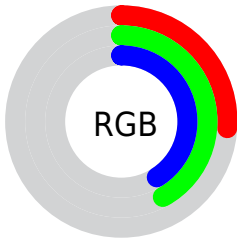
Format	Color
R_{YB}	67, 87, 106
Decimal	4418153
CIE _{Lab}	42.03, -13.95, -3.82
CIE _{LCh}	42, 14.465, 195.293
Yxy	12.5213, 0.2651, 0.3313
Android (android.graphics.Color)	4282608233 (0xFF436A69)
YUV	94.2250, 5.3121, -23.8763
Hunter-Lab	35.3854, -11.3863, -0.7880

Details

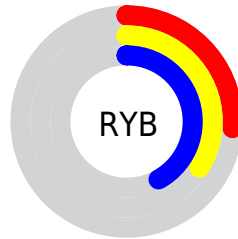
The Hex color **436A69** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A4344**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **759D9C**, and **133B3A** is the 20% darker color. If you saturate the color by 10%, you get **386A69**, and if you desaturate by 10%, it is **4E6A69**.

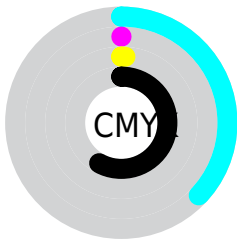
Distribution



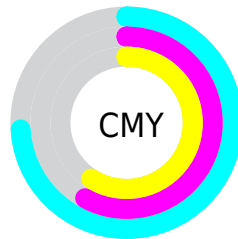
- Red (26%)
- Green (42%)
- Blue (41%)



- Red (26%)
- Yellow (34%)
- Blue (42%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (58%)



- Cyan (74%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 436A69 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 436A69 by changing the saturation by 10% instead.



436A69



436A69

FFFFFF



2B5251



759D9C



133B3A



8FB8B7



002524



AAD4D3



000E0F



C6F0EF



000000



E2FFFF



436A69



436A69



386A69



4E6A69



2E6A68



586A6A

■ 236A68

■ 636A6A

■ 196A68

■ 6D6A6A

■ 0E6A68

■ 786A6A

■ 036A67

■ 836A6B

■ 006A67

■ 8D6A6B

■ 986A6B

■ A26A6B

Harmonies

Analogous

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



4B6A5D



436A69



436974

Triad

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



436A69



6D5E74



72604C

Complementary

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



436A69



6A4344

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.



7A5D53



436A69



775B6A

Square

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



436A69



5D627A



7C5B5D



66644C

Rectangle

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



436A69



496778



7C5B5D



755F4E

Sweetspot

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



436A69



7B8A89



446A43



3C4545



C4C4C4



454545

Same Dimension

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



436A69



4D8A88



43586A



303635



007572



00F5EF

Inverse Universe

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



6A4344



8A4D4F



6A5543



363030



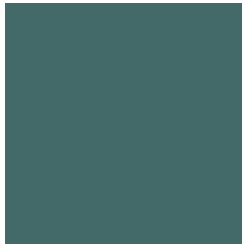
750003



F50006

Previews

White Background



This preview shows how the Hex color 436A69 looks on a white background.

Color Contrast Check

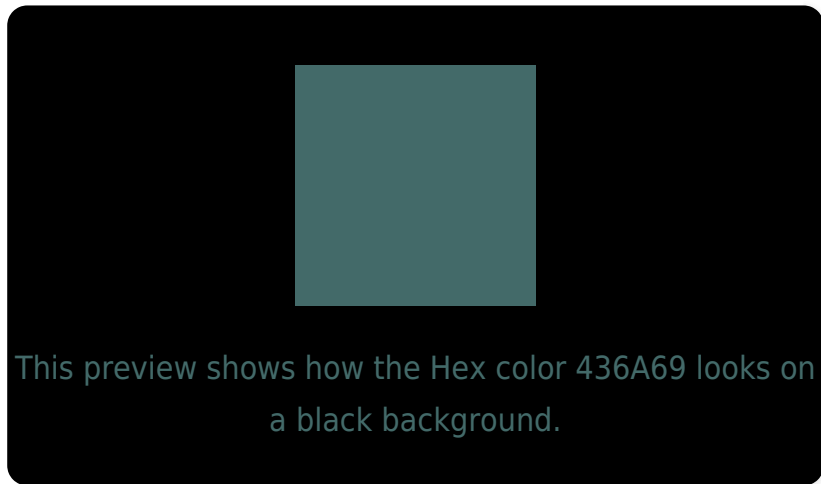
Large Text (above 18pt) WCAG AA ✓ Pass

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

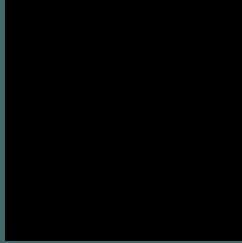
Any Text WCAG AA × Fail

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 436A69 Background



This preview shows how black text looks on a background with the Hex color 436A69.



This preview shows how white text looks on a background with the Hex color 436A69.

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



Original Color
436A69

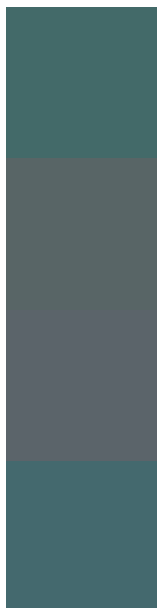
Protanopia
646264

Deuteranopia
69606B



Tritanopia
456971

Trichromacy



Original Color

436A69

Protanomaly

586566

Deuteranomaly

5B646A

Tritanomaly

44696E

Monochromacy



Original Color

436A69

Achromatopsia

5E5E5E

Achromatomaly

546262

CSS Examples

Text

The CSS property to change the color of the text to Hex 436A69 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 #436A69 looks like.

```
.text, #text, p{  
    color:#436A69  
}
```

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 #436A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436A69
}
```

Border

The CSS property to change the border of an element to Hex 436A69 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
#436A69 }
```

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

```
.border{ border-color:#436A69 }
```

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

Here you see how a box with a 4 pixel #436A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436A69; -webkit-box-shadow:4px 4px  
4px 4px #436A69; box-shadow:4px 4px 4px  
4px #436A69 }
```

Background

The CSS property to change the background color of an element to Hex 436A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436A69 }
```

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

```
.background{ background-color:#436A69 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor