

Converting Colors

Hex(436C6A)

Have a look what the booklet for
Hex(436C6A) contains.

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Color

Hex(436C6A)

Conversions

Conversions Part 1

Format	Color
Hex	436C6A
RGB	67, 108, 106
RGB Percent	26%, 42%, 42%
CMY	0.7373, 0.5765, 0.5843
CMYK	0.38, 0.00, 0.02, 0.58
HSL	177°, 23%, 34%
HSV	177°, 38%, 42%
XYZ	10.2788, 12.9590, 15.5953
YIQ	95.5130, -23.7940, -9.3140

Conversions

Conversions Part 2

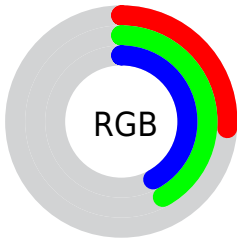
Format	Color
RYB	67, 88, 108
Decimal	4418666
CIELab	42.70, -14.81, -3.43
CIElCh	43, 15.200, 193.053
Yxy	12.9590, 0.2647, 0.3337
Android (android.graphics.Color)	4282608746 (0xFF436C6A)
YUV	95.5130, 5.1701, -25.0059
Hunter-Lab	35.9986, -12.0299, -0.4864

Details

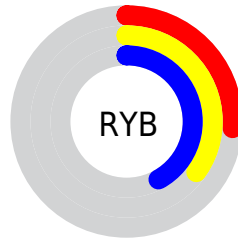
The Hex color **436C6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C4345**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **75A09D**, and **123C3B** is the 20% darker color. If you saturate the color by 10%, you get **386C69**, and if you desaturate by 10%, it is **4E6C6B**.

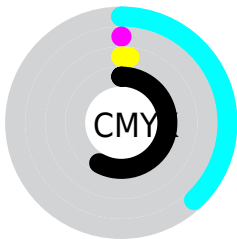
Distribution



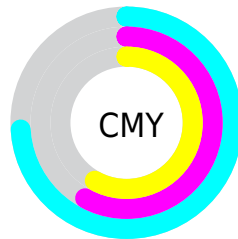
- Red (26%)
- Green (42%)
- Blue (42%)



- Red (26%)
- Yellow (35%)
- Blue (42%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 436C6A 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 436C6A by changing the saturation by 10% instead.

■ 436C6A

■ 436C6A

FFFFFF

■ 2B5452

■ 75A09D

■ 123C3B

■ 8FBBB8

■ 002625

■ AAD6D4

■ 001210

■ C6F3F0

■ 000000

■ E2FFFF

■ 436C6A

■ 436C6A

■ 386C69

■ 4E6C6B

■ 2D6C69

■ 596C6B

■ 236C68

■ 636C6C

■ 186C68

■ 6E6C6C

■ 0D6C67

■ 796C6D

■ 026C67

■ 846C6D

■ 006C67

■ 8F6C6E

■ 996C6E

■ A46C6F

Harmonies

Analogous

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



4D6B5D



436C6A



436B75

Triad

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



436C6A



6E6077



75624D

Complementary

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



436C6A



6C4345

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.



7D5E54



436C6A



795D6C

Square

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



436C6A



5D647D



7F5C60



69664C

Rectangle

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



436C6A



48697B



7F5C60



78604F

Sweetspot

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



436C6A



7D8C8B



456C43



3E4747



C7C7C7



474747

Same Dimension

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



436C6A



4C8C89



435A6C



303635



007570



00F5E9

Inverse Universe

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



6C4345



8C4C4F



6C5543



363030



750006



F5000C

Previews

White Background



This preview shows how the Hex color 436C6A looks on a white background.

Color Contrast Check

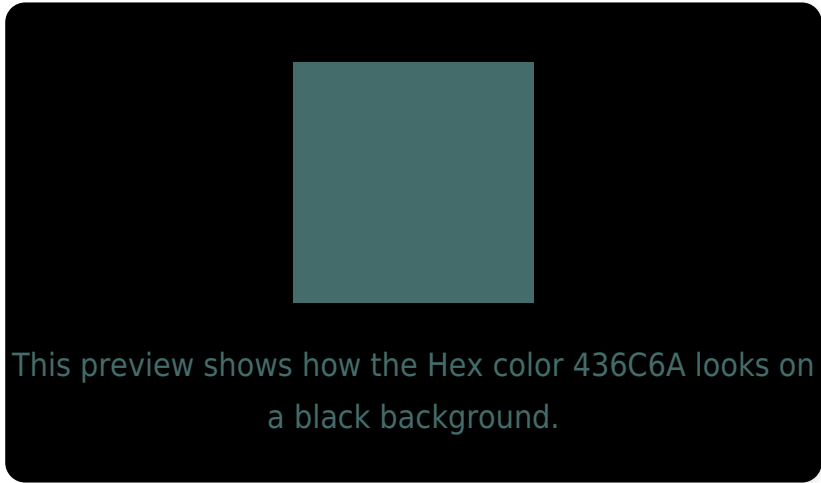
Large Text (above 18pt) WCAG AA ✓ Pass

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

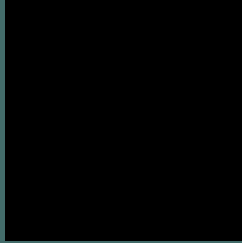
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

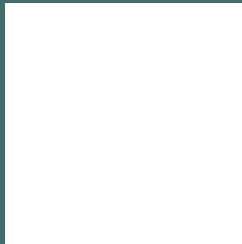
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 436C6A Background



This preview shows how black text looks on a background with the Hex color 436C6A.

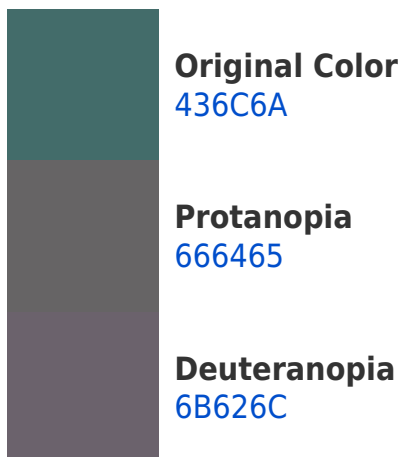



This preview shows how white text looks on a background with the Hex color 436C6A.

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
456B73

Trichromacy



Original Color

436C6A

Protanomaly

596767

Deuteranomaly

5C666B

Tritanomaly

446B70

Monochromacy



Original Color

436C6A

Achromatopsia

606060

Achromatomaly

556464

CSS Examples

Text

The CSS property to change the color of the text to Hex 436C6A 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 #436C6A looks like.

```
.text, #text, p{  
    color:#436C6A  
}
```

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 #436C6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #436C6A
}
```

Border

The CSS property to change the border of an element to Hex 436C6A 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
#436C6A }
```

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

```
.border{ border-color:#436C6A }
```

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

Here you see how a box with a 4 pixel #436C6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #436C6A; -webkit-box-shadow:4px 4px  
4px 4px #436C6A; box-shadow:4px 4px 4px  
4px #436C6A }
```

Background

The CSS property to change the background color of an element to Hex 436C6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#436C6A }
```

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

```
.background{ background-color:#436C6A }
```

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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