

# Converting Colors

Hex(416E68)

Have a look what the booklet for  
Hex(416E68) contains.

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# Color

**Hex(416E68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	416E68
RGB	65, 110, 104
RGB Percent	25%, 43%, 41%
CMY	0.7451, 0.5686, 0.5922
CMYK	0.41, 0.00, 0.05, 0.57
HSL	172°, 26%, 34%
HSV	172°, 41%, 43%
XYZ	10.2546, 13.2752, 15.1186
YIQ	95.8610, -24.8940, -11.4060

# Conversions

## Conversions Part 2

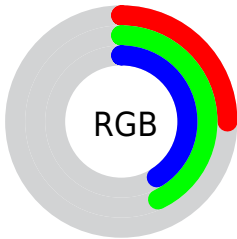
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 89, 110
Decimal	4288104
CIELab	43.17, -17.04, -1.54
CIElCh	43, 17.105, 185.164
Yxy	13.2752, 0.2653, 0.3435
Android (android.graphics.Color)	4282478184 (0xFF416E68)
YUV	95.8610, 4.0125, -27.0651
Hunter-Lab	36.4351, -13.5229, 0.9024

# Details


The Hex color **416E68** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E4147**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **73A29B**, and **0F3E39** is the 20% darker color. If you saturate the color by 10%, you get **366E67**, and if you desaturate by 10%, it is **4C6E69**.

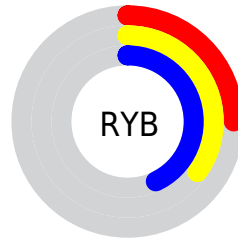
# Distribution



 Red (25%)

 Green (43%)

 Blue (41%)




 Red (25%)

 Yellow (35%)

 Blue (43%)

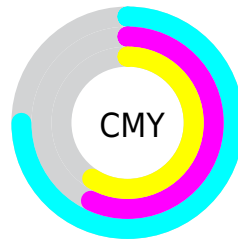


 Cyan (41%)


 Magenta (0%)

 Yellow (5%)

 Black (57%)



 Cyan (75%)

 Magenta (57%)

 Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 416E68 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 416E68 by changing the saturation by 10% instead.





416E68



416E68

FFFFFF



295650



73A29B



0F3E39



8EBDB6



002824



A9D9D1



00140E



C4F5EE



000000



E1FFFF

FEFFFF



416E68



416E68



366E67



4C6E69

■ 2B6E65

■ 576E6B

■ 206E64

■ 626E6C

■ 156E62

■ 6D6E6E

■ 0A6E61

■ 786E6F

■ 006E5F

■ 836E71

■ 8E6E72

■ 996E74

■ A46E75

# Harmonies

## Analogous

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



4E6D5A



416E68



3D6D76

# Triad

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



416E68



6B627D



7B614D

# Complementary

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



416E68



6E4147

# 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.



825D56



416E68



7A5D72

# Square

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



416E68



586682



825C64



6E664A

# Rectangle

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



416E68



416C7D



825C64



7E604F



# Sweetspot

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



416E68



7E8F8D



476E41



3D4746



C7C7C7



474747



# Same Dimension

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



416E68



498F85



415E6E



323837



007868



00F7D6



# Inverse Universe

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



6E4147



8F4952



6E5241



383233



780010

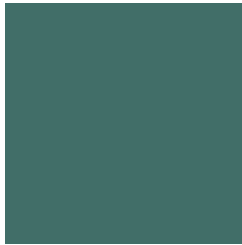


F70021



# Previews

## White Background



This preview shows how the Hex color 416E68 looks on a white background.

## Color Contrast Check

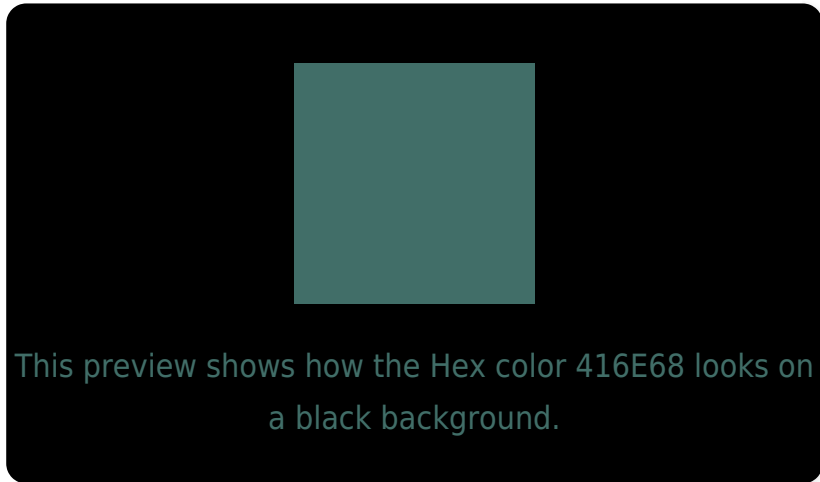
Large Text (above 18pt) WCAG AA ✓ Pass

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

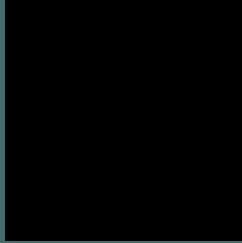
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 416E68 Background



This preview shows how black text looks on a background with the Hex color 416E68.

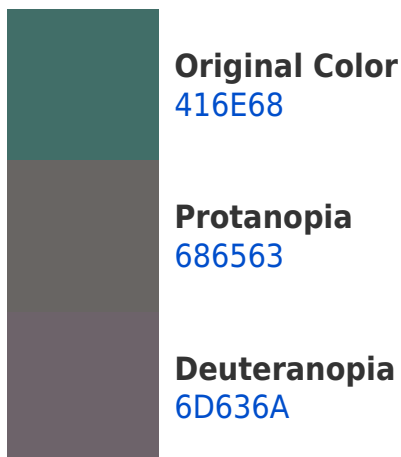


This preview shows how white text looks on a background with the Hex color 416E68.

# 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](#).

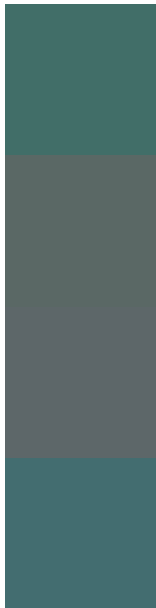
## Dichromacy





**Tritanopia**  
446C75

# Trichromacy



**Original Color**

416E68

**Protanomaly**

5A6865

**Deuteranomaly**

5D6769

**Tritanomaly**

436D70

# Monochromacy



**Original Color**

416E68

**Achromatopsia**

606060

**Achromatomaly**

556563

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 416E68 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 #416E68 looks like.

```
.text, #text, p{  
    color:#416E68  
}
```

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 #416E68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416E68
}
```

## Border

The CSS property to change the border of an element to Hex 416E68 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
#416E68 }
```

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

```
.border{ border-color:#416E68 }
```

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

Here you see how a box with a 4 pixel #416E68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416E68; -webkit-box-shadow:4px 4px  
4px 4px #416E68; box-shadow:4px 4px 4px  
4px #416E68 }
```

# Background

The CSS property to change the background color of an element to Hex 416E68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416E68 }
```

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

```
.background{ background-color:#416E68 }
```

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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