

Converting Colors

Hex(416F69)

Have a look what the booklet for
Hex(416F69) contains.

Hex(416F69)	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(416F69)

Conversions

Conversions Part 1

Format	Color
Hex	416F69
RGB	65, 111, 105
RGB Percent	25%, 44%, 41%
CMY	0.7451, 0.5647, 0.5882
CMYK	0.41, 0.00, 0.05, 0.56
HSL	172°, 26%, 35%
HSV	172°, 41%, 44%
XYZ	10.4142, 13.5126, 15.4239
YIQ	96.5620, -25.4900, -11.6180

Conversions

Conversions Part 2

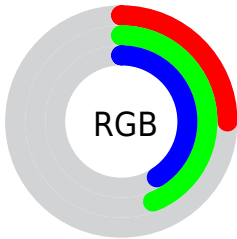
Format	Color
RYB	65, 90, 111
Decimal	4288361
CIELab	43.53, -17.32, -1.63
CIElCh	44, 17.395, 185.368
Yxy	13.5126, 0.2647, 0.3434
Android (android.graphics.Color)	4282478441 (0xFF416F69)
YUV	96.5620, 4.1599, -27.6799
Hunter-Lab	36.7595, -13.7589, 0.8542

Details


The Hex color **416F69** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F4147**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **73A39C**, and **0E3F3A** is the 20% darker color. If you saturate the color by 10%, you get **366F68**, and if you desaturate by 10%, it is **4C6F6A**.

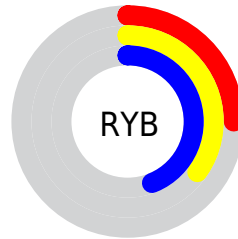
Distribution



 Red (25%)

 Green (44%)

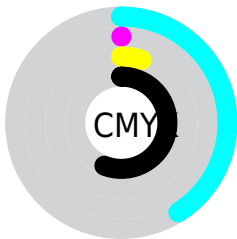
 Blue (41%)




 Red (25%)

 Yellow (35%)

 Blue (44%)

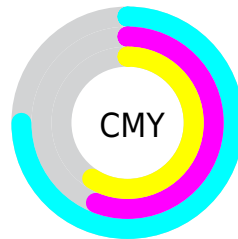


 Cyan (41%)

 Magenta (0%)

 Yellow (5%)

 Black (56%)



 Cyan (75%)

 Magenta (56%)

 Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416F69 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 416F69 by changing the saturation by 10% instead.



416F69



416F69

FFFFFF



285651



73A39C



0E3F3A



8EBEB7



002924



A9DAD3



00150F



C4F6EF



000000



E1FFFF

FEFFFF



416F69



416F69



366F68



4C6F6A

■ 2B6F66

■ 576F6C

■ 206F65

■ 626F6D

■ 156F63

■ 6D6F6F

■ 0A6F62

■ 796F70

■ 006F61

■ 846F72

■ 8F6F73

■ 9A6F75

■ A56F76

Harmonies

Analogous

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



4F6E5A



416F69



3D6E77

Triad

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



416F69



6C627E



7C624D

Complementary

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



416F69



6F4147

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.



835E57



416F69



7C5E73

Square

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



416F69



596783



835C65



6F674A

Rectangle

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



416F69



426D7E



835C65



7F6050

Sweetspot

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



416F69



80918F



476F41



404A49



C9C9C9



4A4A4A

Same Dimension

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



416F69



499188



415E6F



323837



007868



00F7D7

Inverse Universe

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



6F4147



914952



6F5241



383233



780010



F70020

Previews

White Background



This preview shows how the Hex color 416F69 looks on a white background.

Color Contrast Check

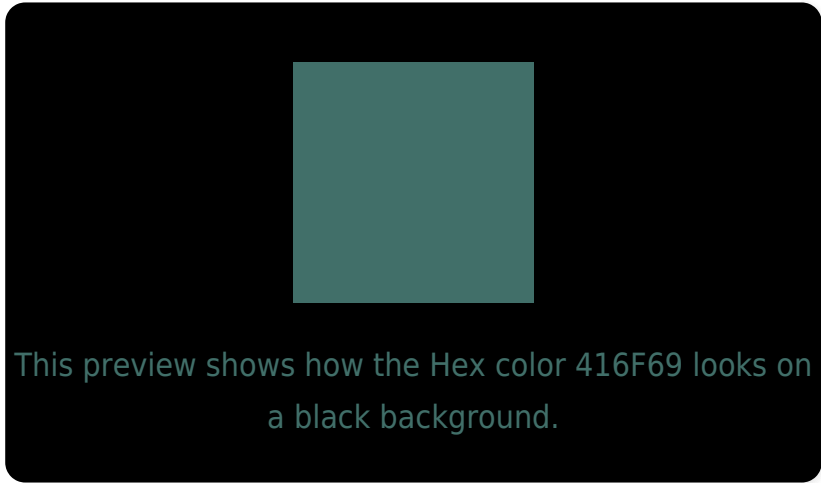
Large Text (above 18pt) WCAG AA ✓ Pass

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

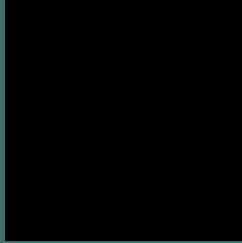
Any Text WCAG AA × Fail

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 416F69 Background



This preview shows how black text looks on a background with the Hex color 416F69.



This preview shows how white text looks on a background with the Hex color 416F69.

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
416F69

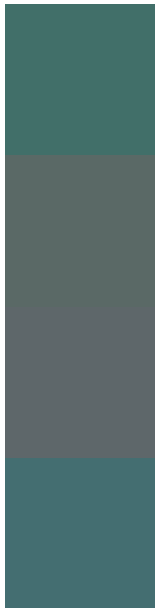
Protanopia
696664

Deuteranopia
6E636B



Tritanopia
456D76

Trichromacy



Original Color
416F69

Protanomaly
5A6966

Deuteranomaly
5E676A

Tritanomaly
446E71

Monochromacy



Original Color
416F69

Achromatopsia
616161

Achromatomaly
556664

CSS Examples

Text

The CSS property to change the color of the text to Hex 416F69 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 #416F69 looks like.

```
.text, #text, p{  
    color:#416F69  
}
```

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 #416F69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416F69
}
```

Border

The CSS property to change the border of an element to Hex 416F69 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
#416F69 }
```

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

```
.border{ border-color:#416F69 }
```

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

Here you see how a box with a 4 pixel #416F69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416F69; -webkit-box-shadow:4px 4px  
4px 4px #416F69; box-shadow:4px 4px 4px  
4px #416F69 }
```

Background

The CSS property to change the background color of an element to Hex 416F69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416F69 }
```

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

```
.background{ background-color:#416F69 }
```

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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