

Converting Colors

Hex(416F70)

Have a look what the booklet for
Hex(416F70) contains.

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Color

Hex(416F70)

Conversions

Conversions Part 1

Format	Color
Hex	416F70
RGB	65, 111, 112
RGB Percent	25%, 44%, 44%
CMY	0.7451, 0.5647, 0.5608
CMYK	0.42, 0.01, 0.00, 0.56
HSL	181°, 27%, 35%
HSV	181°, 42%, 44%
XYZ	10.7890, 13.6625, 17.3977
YIQ	97.3600, -27.7370, -9.4410

Conversions

Conversions Part 2

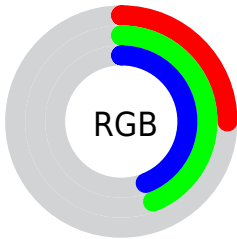
Format	Color
R_{YB}	65, 88, 112
Decimal	4288368
CIE _{Lab}	43.75, -15.43, -5.52
CIE _{LCh}	44, 16.385, 199.684
Yxy	13.6625, 0.2578, 0.3265
Android (android.graphics.Color)	4282478448 (0xFF416F70)
YUV	97.3600, 7.2175, -28.3797
Hunter-Lab	36.9629, -12.5829, -2.0327

Details

The Hex color **416F70** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **704241**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **74A3A4**, and **0D3F40** is the 20% darker color. If you saturate the color by 10%, you get **366F70**, and if you desaturate by 10%, it is **4C6F70**.

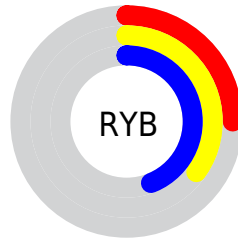
Distribution



Red (25%)

Green (44%)

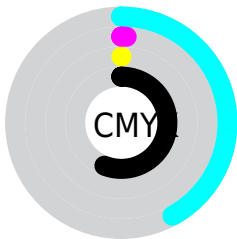
Blue (44%)



Red (25%)

Yellow (35%)

Blue (44%)

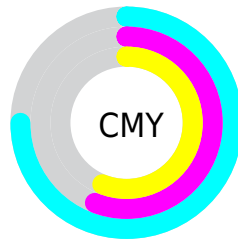


Cyan (42%)

Magenta (1%)

Yellow (0%)

Black (56%)



Cyan (75%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416F70 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 416F70 by changing the saturation by 10% instead.

■ 416F70

■ 416F70

FFFFFF

■ 285658

■ 74A3A4

■ 0D3F40

■ 8EBEBF

■ 00292A

■ A9DADB

■ 001616

■ C5F6F7

■ 000000

■ E1FFFF

FEFFFF

■ 416F70

■ 416F70

■ 366F70

■ 4C6F70

■ 2B6F70

■ 576F70

■ 1F6E70

■ 637070

■ 146E70

■ 6E7070

■ 096E70

■ 797070

■ 006E70

■ 847070

■ 8F7170

■ 9B7170

■ A67170

Harmonies

Analogous

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



4A6F62



416F70



436D7C

Triad

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



416F70



746179



76654D

Complementary

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



416F70



704241

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.



806153



416F70



805E6D

Square

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



416F70



636681



835E5F



68694E

Rectangle

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



416F70



4B6B80



835E5F



7A634E

Sweetspot

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



416F70



7E9191



417042



3E4A4A



C9C9C9



4A4A4A

Same Dimension

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



416F70



499091



415870



323838



007578



00F2F7

Inverse Universe

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



70416F



914990



705941



383238



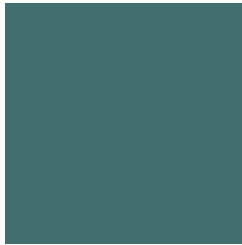
780075



F700F2

Previews

White Background



This preview shows how the Hex color 416F70 looks on a white background.

Color Contrast Check

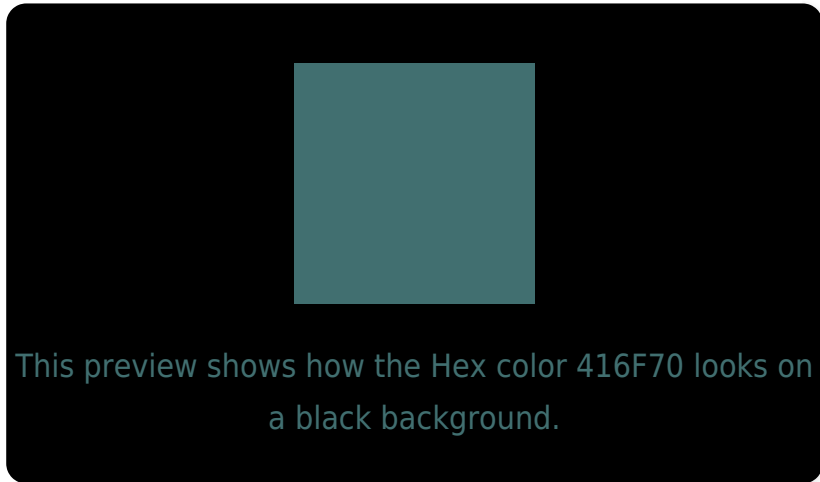
Large Text (above 18pt) WCAG AA ✓ Pass

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

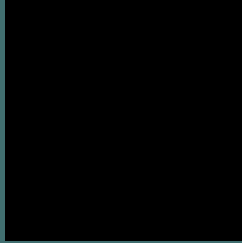
Any Text WCAG AA × Fail

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 416F70 Background



This preview shows how black text looks on a background with the Hex color 416F70.

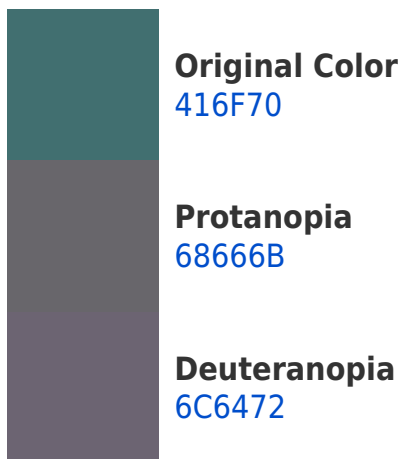


This preview shows how white text looks on a background with the Hex color 416F70.

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](#).

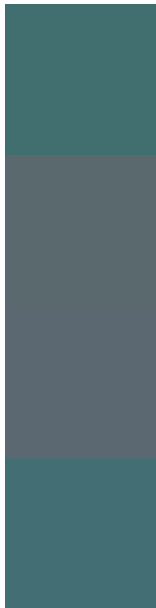
Dichromacy





Tritanopia
436E77

Trichromacy



Original Color
416F70

Protanomaly
5A696D

Deuteranomaly
5C6871

Tritanomaly
426E74

Monochromacy



Original Color
416F70

Achromatopsia
616161

Achromatomaly
556666

CSS Examples

Text

The CSS property to change the color of the text to Hex 416F70 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 #416F70 looks like.

```
.text, #text, p{  
    color:#416F70  
}
```

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 #416F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416F70  
}
```

Border

The CSS property to change the border of an element to Hex 416F70 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  
#416F70 }
```

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

```
.border{ border-color:#416F70 }
```

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

Here you see how a box with a 4 pixel #416F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416F70; -webkit-box-shadow:4px 4px  
4px 4px #416F70; box-shadow:4px 4px 4px  
4px #416F70 }
```

Background

The CSS property to change the background color of an element to Hex 416F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416F70 }
```

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

```
.background{ background-color:#416F70 }
```

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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