

Converting Colors

Hex(416C6A)

Have a look what the booklet for
Hex(416C6A) contains.

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Color

Hex(416C6A)

Conversions

Conversions Part 1

Format	Color
Hex	416C6A
RGB	65, 108, 106
RGB Percent	25%, 42%, 42%
CMY	0.7451, 0.5765, 0.5843
CMYK	0.40, 0.00, 0.02, 0.58
HSL	177°, 25%, 34%
HSV	177°, 40%, 42%
XYZ	10.1441, 12.8895, 15.5890
YIQ	94.9150, -24.9860, -9.7380

Conversions

Conversions Part 2

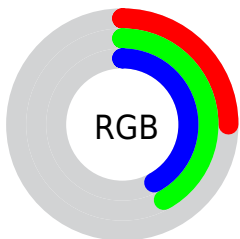
Format	Color
RYB	65, 87, 108
Decimal	4287594
CIELab	42.60, -15.40, -3.60
CIElCh	43, 15.815, 193.158
Yxy	12.8895, 0.2626, 0.3337
Android (android.graphics.Color)	4282477674 (0xFF416C6A)
YUV	94.9150, 5.4649, -26.2355
Hunter-Lab	35.9020, -12.3937, -0.6128

Details

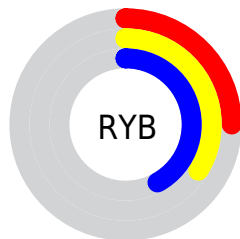
The Hex color **416C6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C4143**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **73A09D**, and **0F3C3B** is the 20% darker color. If you saturate the color by 10%, you get **366C69**, and if you desaturate by 10%, it is **4C6C6B**.

Distribution



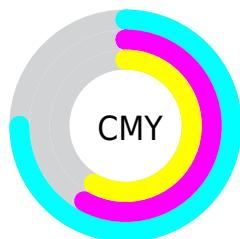
- Red (25%)
- Green (42%)
- Blue (42%)



- Red (25%)
- Yellow (34%)
- Blue (42%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (58%)



- Cyan (75%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416C6A 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 416C6A by changing the saturation by 10% instead.

■ 416C6A

■ 416C6A

FFFFFF

■ 295452

■ 73A09D

■ 0F3C3B

■ 8EBBB8

■ 002625

■ A9D6D4

■ 001110

■ C4F3F0

■ 000000

■ E0FFFF

FDFFFF

■ 416C6A

■ 416C6A

■ 366C69

■ 4C6C6B

■ 2B6C69

■ 576C6B

■ 216C68

■ 616C6C

■ 166C68

■ 6C6C6C

■ 0B6C67

■ 776C6D

■ 006C67

■ 826C6D

■ 8D6C6E

■ 976C6E

■ A26C6F

Harmonies

Analogous

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



4B6B5D



416C6A



406B76

Triad

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



416C6A



6E5F78



75614C

Complementary

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



416C6A



6C4143

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.



7D5D53



416C6A



7A5C6C

Square

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



416C6A



5D647E



7F5B5F



68664B

Rectangle

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



416C6A



47697B



7F5B5F



78604E

Sweetspot

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



416C6A



7B8C8B



436C41



3D4747



C7C7C7



474747

Same Dimension

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



416C6A



498C89



41596C



303635



007570



00F5E9

Inverse Universe

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



6C4143



8C494C



6C5441



363030



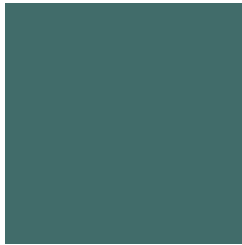
750005



F5000B

Previews

White Background



This preview shows how the Hex color 416C6A looks on a white background.

Color Contrast Check

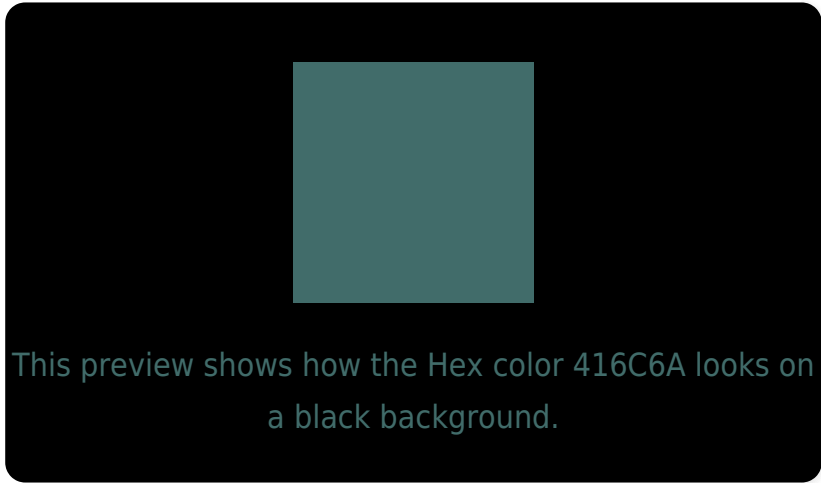
Large Text (above 18pt) WCAG AA ✓ Pass

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

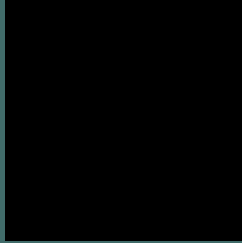
Any Text WCAG AA × Fail

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 416C6A Background



This preview shows how black text looks on a background with the Hex color 416C6A.



This preview shows how white text looks on a background with the Hex color 416C6A.

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
416C6A

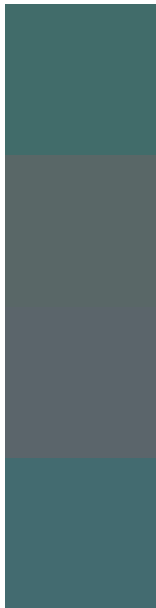
Protanopia
666465

Deuteranopia
6A616C



Tritanopia
446B73

Trichromacy



Original Color
416C6A

Protanomaly
596767

Deuteranomaly
5B656B

Tritanomaly
436B70

Monochromacy



Original Color
416C6A

Achromatopsia
5F5F5F

Achromatomaly
546463

CSS Examples

Text

The CSS property to change the color of the text to Hex 416C6A 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 #416C6A looks like.

```
.text, #text, p{  
    color:#416C6A  
}
```

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 #416C6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416C6A
}
```

Border

The CSS property to change the border of an element to Hex 416C6A 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
#416C6A }
```

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

```
.border{ border-color:#416C6A }
```

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

Here you see how a box with a 4 pixel #416C6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416C6A; -webkit-box-shadow:4px 4px  
4px 4px #416C6A; box-shadow:4px 4px 4px  
4px #416C6A }
```

Background

The CSS property to change the background color of an element to Hex 416C6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416C6A }
```

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

```
.background{ background-color:#416C6A }
```

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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