

Converting Colors

Hex(416A6A)

Have a look what the booklet for
Hex(416A6A) contains.

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Color

Hex(416A6A)

Conversions

Conversions Part 1

Format	Color
Hex	416A6A
RGB	65, 106, 106
RGB Percent	25%, 42%, 42%
CMY	0.7451, 0.5843, 0.5843
CMYK	0.39, 0.00, 0.00, 0.58
HSL	180°, 24%, 34%
HSV	180°, 39%, 42%
XYZ	9.9355, 12.4725, 15.5194
YIQ	93.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

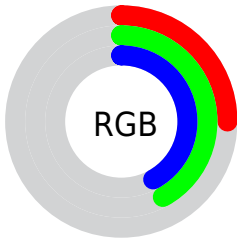
Format	Color
R_{YB}	65, 86, 106
Decimal	4287082
CIE _{Lab}	41.96, -14.28, -4.55
CIE _{LCh}	42, 14.988, 197.656
Yxy	12.4725, 0.2620, 0.3289
Android (android.graphics.Color)	4282477162 (0xFF416A6A)
YUV	93.7410, 6.0437, -25.2059
Hunter-Lab	35.3164, -11.5865, -1.3329

Details

The Hex color **416A6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A4141**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **739D9D**, and **0F3B3B** is the 20% darker color. If you saturate the color by 10%, you get **366A6A**, and if you desaturate by 10%, it is **4C6A6A**.

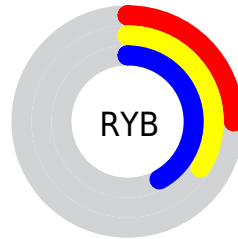
Distribution



Red (25%)

Green (42%)

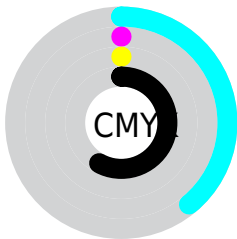
Blue (42%)



Red (25%)

Yellow (34%)

Blue (42%)

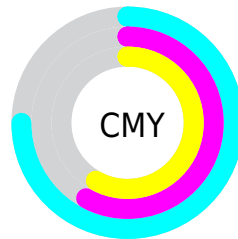


Cyan (39%)

Magenta (0%)

Yellow (0%)

Black (58%)



Cyan (75%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 416A6A 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 416A6A by changing the saturation by 10% instead.



416A6A



416A6A

FFFFFF



295252



739D9D



0F3B3B



8DB8B8



002525



A8D4D4



000E11



C4F0F0



000000



E0FFFF

F0FFFF



416A6A



416A6A



366A6A



4C6A6A

■ 2C6A6A

■ 566A6A

■ 216A6A

■ 616A6A

■ 176A6A

■ 6B6A6A

■ 0C6A6A

■ 766A6A

■ 016A6A

■ 816A6A

■ 006A6A

■ 8B6A6A

■ 966A6A

■ A06A6A

Harmonies

Analogous

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



496A5D



416A6A



426975

Triad

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



416A6A



6E5D74



71604B

Complementary

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



416A6A



6A4141

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.



7A5D51



416A6A



795B69

Square

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



416A6A



5E627A



7C5A5C



65654B

Rectangle

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



416A6A



496779



7C5A5C



745F4D

Sweetspot

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



416A6A



798A8A



416A41



3B4545



C4C4C4



454545

Same Dimension

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



416A6A



4A8A8A



41566A



303636



007575



00F5F5

Inverse Universe

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



6A416A



8A4A8A



6A5641



363036



750075



F500F5

Previews

White Background



This preview shows how the Hex color 416A6A looks on a white background.

Color Contrast Check

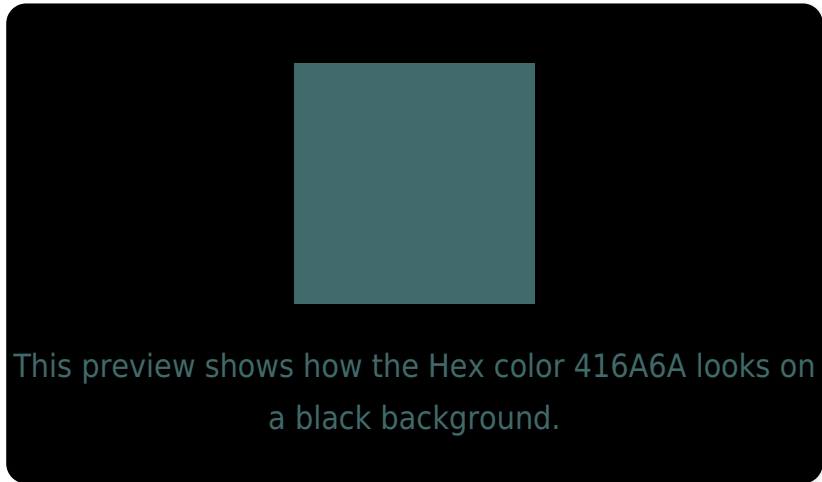
Large Text (above 18pt) WCAG AA ✓ Pass

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

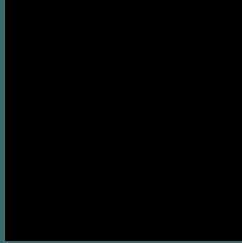
Any Text WCAG AA × Fail

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 416A6A Background



This preview shows how black text looks on a background with the Hex color 416A6A.

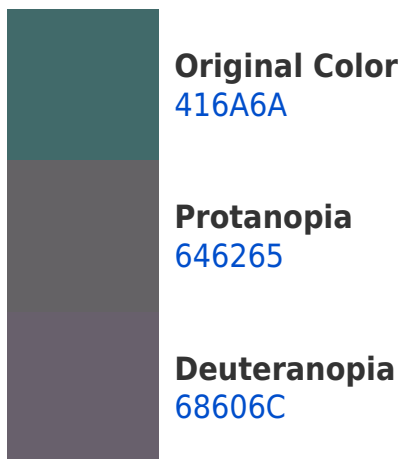



This preview shows how white text looks on a background with the Hex color 416A6A.

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](#).

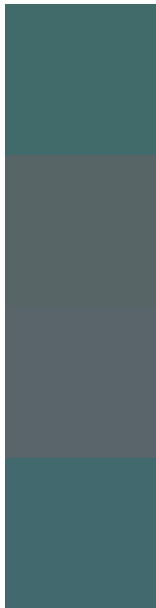
Dichromacy





Tritanopia
436971

Trichromacy



Original Color
416A6A

Protanomaly
576567

Deuteranomaly
5A646B

Tritanomaly
42696E

Monochromacy



Original Color
416A6A

Achromatopsia
5E5E5E

Achromatomaly
536262

CSS Examples

Text

The CSS property to change the color of the text to Hex 416A6A 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 #416A6A looks like.

```
.text, #text, p{  
    color:#416A6A  
}
```

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 #416A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #416A6A
}
```

Border

The CSS property to change the border of an element to Hex 416A6A 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
#416A6A }
```

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

```
.border{ border-color:#416A6A }
```

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

Here you see how a box with a 4 pixel #416A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #416A6A; -webkit-box-shadow:4px 4px  
4px 4px #416A6A; box-shadow:4px 4px 4px  
4px #416A6A }
```

Background

The CSS property to change the background color of an element to Hex 416A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#416A6A }
```

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

```
.background{ background-color:#416A6A }
```

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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