

Converting Colors

Hex(3A6E6C)

Have a look what the booklet for
Hex(3A6E6C) contains.

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Color

Hex(3A6E6C)

Conversions

Conversions Part 1

Format	Color
Hex	3A6E6C
RGB	58, 110, 108
RGB Percent	23%, 43%, 42%
CMY	0.7725, 0.5686, 0.5765
CMYK	0.47, 0.00, 0.02, 0.57
HSL	178°, 31%, 33%
HSV	178°, 47%, 43%
XYZ	10.0276, 13.1341, 16.1940
YIQ	94.2240, -30.3500, -11.6460

Conversions

Conversions Part 2

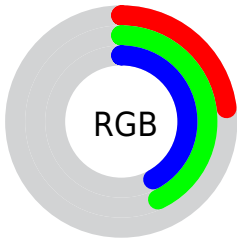
Format	Color
RYB	58, 85, 110
Decimal	3829356
CIELab	42.96, -17.90, -4.30
CIELCh	43, 18.408, 193.514
Yxy	13.1341, 0.2548, 0.3337
Android (android.graphics.Color)	4282019436 (0xFF3A6E6C)
YUV	94.2240, 6.7916, -31.7684
Hunter-Lab	36.2410, -14.0321, -1.1245

Details

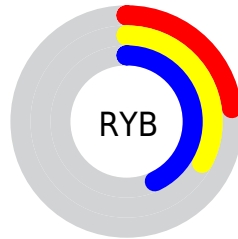
The Hex color **3A6E6C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E3A3C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6DA29F**, and **013E3D** is the 20% darker color. If you saturate the color by 10%, you get **2F6E6C**, and if you desaturate by 10%, it is **456E6C**.

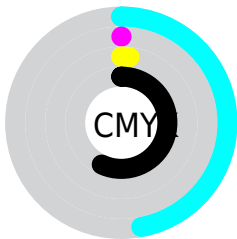
Distribution



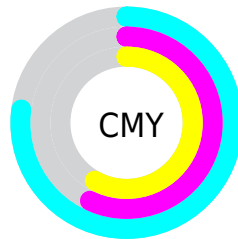
- Red (23%)
- Green (43%)
- Blue (42%)



- Red (23%)
- Yellow (33%)
- Blue (43%)



- Cyan (47%)
- Magenta (0%)
- Yellow (2%)
- Black (57%)



- Cyan (77%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A6E6C 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 3A6E6C by changing the saturation by 10% instead.



3A6E6C



3A6E6C

FFFFFF



205554



6DA29F



013E3D



88BDBA



002827



A3D9D6



001313



BEF5F2



000000



DBFFFF



F7FFFF



3A6E6C



3A6E6C



2F6E6C



456E6C

■ 246E6B

■ 506E6D

■ 196E6B

■ 5B6E6D

■ 0E6E6A

■ 666E6E

■ 036E6A

■ 716E6E

■ 006E6A

■ 7C6E6F

■ 876E6F

■ 926E6F

■ 9D6E70

Harmonies

Analogous

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



476D5C



3A6E6C



396D7A

Triad

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



3A6E6C



705F7C



786249

Complementary

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



3A6E6C



6E3A3C

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.



825D51



3A6E6C



7E5B6E

Square

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



3A6E6C



5C6583



845A5F



696748

Rectangle

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



3A6E6C



416B80



845A5F



7C604B

Sweetspot

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



3A6E6C



7B8F8E



3D6E3A



3B4747



C7C7C7



474747

Same Dimension

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



3A6E6C



3D8F8C



3A576E



323838



007873



00F7EE

Inverse Universe

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



6E3A3C



8F3D41



6E513A



383233



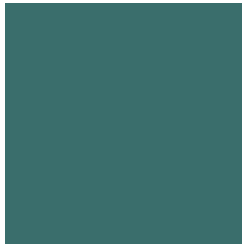
780005



F7000A

Previews

White Background



This preview shows how the Hex color 3A6E6C looks on a white background.

Color Contrast Check

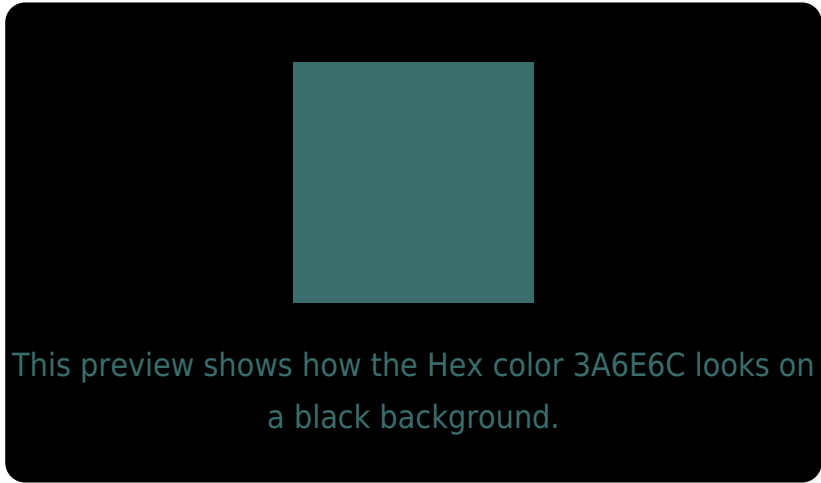
Large Text (above 18pt) WCAG AA ✓ Pass

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

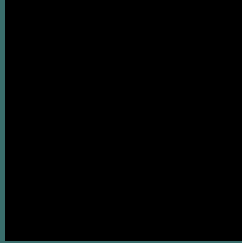
Any Text WCAG AA × Fail

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 3A6E6C Background



This preview shows how black text looks on a background with the Hex color 3A6E6C.



This preview shows how white text looks on a background with the Hex color 3A6E6C.

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

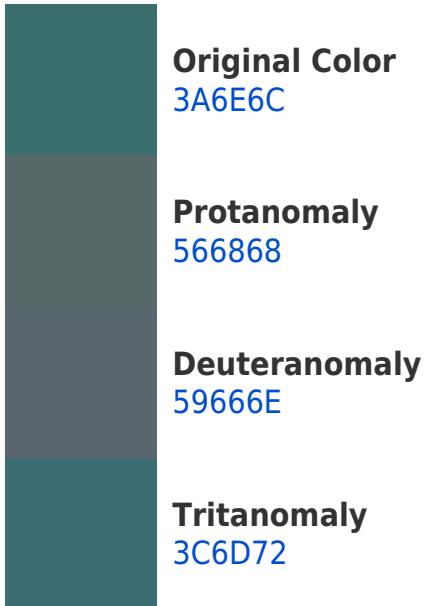


Original Color
3A6E6C

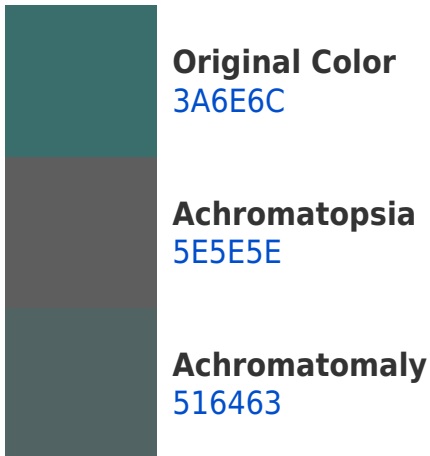
Protanopia
666466

Deuteranopia
6A626F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A6E6C 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 #3A6E6C looks like.

```
.text, #text, p{  
    color:#3A6E6C  
}
```

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 #3A6E6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6E6C
}
```

Border

The CSS property to change the border of an element to Hex 3A6E6C 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".

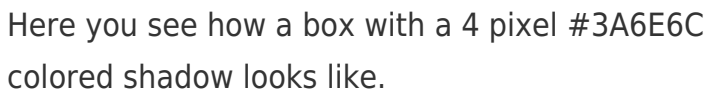
```
.border, #border, table{ border:4px solid
#3A6E6C }
```

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

```
.border{ border-color:#3A6E6C }
```

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

Here you see how a box with a 4 pixel #3A6E6C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6E6C; -webkit-box-shadow:4px 4px  
4px 4px #3A6E6C; box-shadow:4px 4px 4px  
4px #3A6E6C }
```

Background

The CSS property to change the background color of an element to Hex 3A6E6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6E6C }
```

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

```
.background{ background-color:#3A6E6C }
```

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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