

Converting Colors

Hex(3A486C)

Have a look what the booklet for
Hex(3A486C) contains.

Hex(3A486C)	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(3A486C)

Conversions

Conversions Part 1

Format	Color
Hex	3A486C
RGB	58, 72, 108
RGB Percent	23%, 28%, 42%
CMY	0.7725, 0.7176, 0.5765
CMYK	0.46, 0.33, 0.00, 0.58
HSL	223°, 30%, 33%
HSV	223°, 46%, 42%
XYZ	6.7691, 6.6170, 15.1078
YIQ	71.9180, -19.9000, 8.2280

Conversions

Conversions Part 2

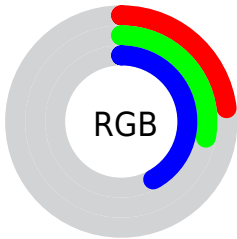
Format	Color
RYB	58, 69, 108
Decimal	3819628
CIELab	30.92, 5.02, -22.65
CIElCh	31, 23.196, 282.492
Yxy	6.6170, 0.2376, 0.2322
Android (android.graphics.Color)	4282009708 (0xFF3A486C)
YUV	71.9180, 17.7884, -12.2061
Hunter-Lab	25.7235, 1.9556, -16.8155

Details

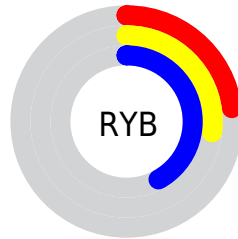
The Hex color **3A486C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6C5E3A**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6C78A0**, and **071D3C** is the 20% darker color. If you saturate the color by 10%, you get **2F406C**, and if you desaturate by 10%, it is **45506C**.

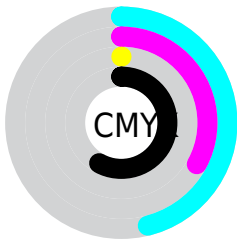
Distribution



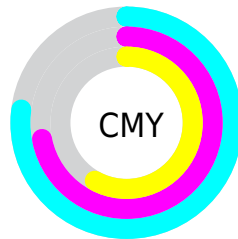
- Red (23%)
- Green (28%)
- Blue (42%)



- Red (23%)
- Yellow (27%)
- Blue (42%)



- Cyan (46%)
- Magenta (33%)
- Yellow (0%)
- Black (58%)



- Cyan (77%)
- Magenta (72%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A486C 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 3A486C by changing the saturation by 10% instead.

■ 3A486C

■ 3A486C

FFFFFF

■ 223254

■ 6C78A0

■ 071D3C

■ 8692BB

■ 000227

■ A0ACD6

■ 000110

■ BCC8F3

■ 000000

■ D8E4FF

■ F5FFFF

■ 3A486C

■ 3A486C

■ 2F406C

■ 45506C

■ 24386C

■ 50586C

■ 1A316C

■ 5A5F6C

■ 0F296C

■ 65676C

■ 04216C

■ 706F6C

■ 001E6C

■ 7B776C

■ 867E6C

■ 90866C

■ 9B8E6C

Harmonies

Analogous

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



154E6B



3A486C



544164

Triad

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



3A486C



683E31



21523D

Complementary

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



3A486C



6C5E3A

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.



394F2D



3A486C



5D4426

Square

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



3A486C



6C3A42



4D4A25



005250

Rectangle

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



3A486C



613D5A



4D4A25



295137

Sweetspot

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



3A486C



797E8C



3A6C5E



3B3F47



C7C7C7



474747

Same Dimension

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



3A486C



3E548C



453A6C



303236



002175



0045F5

Inverse Universe

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



6C3A48



8C3E54



616C3A



363032



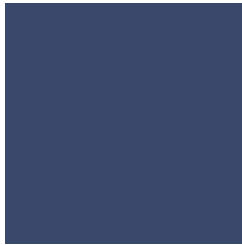
750021



F50045

Previews

White Background



This preview shows how the Hex color 3A486C looks on a white background.

Color Contrast Check

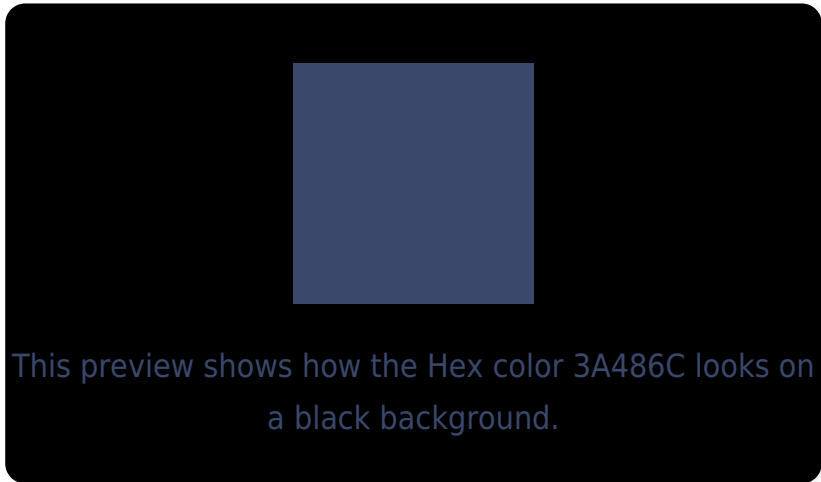
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 3A486C Background



This preview shows how black text looks on a background with the Hex color 3A486C.

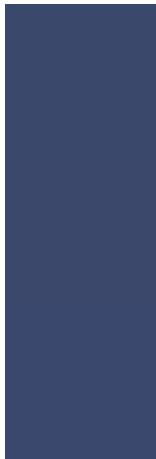


This preview shows how white text looks on a background with the Hex color 3A486C.

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
3A486C

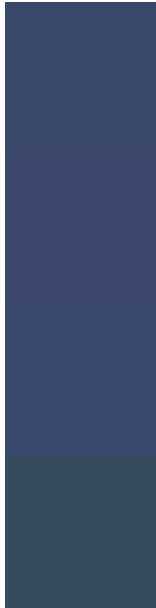
Protanopia
3C476C

Deuteranopia
39486C



Tritanopia
334D53

Trichromacy



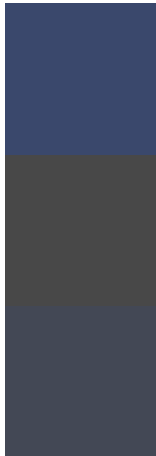
Original Color
3A486C

Protanomaly
3B476C

Deuteranomaly
39486C

Tritanomaly
364B5C

Monochromacy



Original Color
3A486C

Achromatopsia
484848

Achromatomaly
434855

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A486C 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 #3A486C looks like.

```
.text, #text, p{  
    color:#3A486C  
}
```

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 #3A486C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A486C
}
```

Border

The CSS property to change the border of an element to Hex 3A486C 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
#3A486C }
```

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

```
.border{ border-color:#3A486C }
```

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

Here you see how a box with a 4 pixel #3A486C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A486C; -webkit-box-shadow:4px 4px  
4px 4px #3A486C; box-shadow:4px 4px 4px  
4px #3A486C }
```

Background

The CSS property to change the background color of an element to Hex 3A486C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A486C }
```

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

```
.background{ background-color:#3A486C }
```

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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