

Converting Colors

Hex(3F486A)

Have a look what the booklet for
Hex(3F486A) contains.

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Color

Hex(3F486A)

Conversions

Conversions Part 1

Format	Color
Hex	3F486A
RGB	63, 72, 106
RGB Percent	25%, 28%, 42%
CMY	0.7529, 0.7176, 0.5843
CMYK	0.41, 0.32, 0.00, 0.58
HSL	227°, 25%, 33%
HSV	227°, 41%, 42%
XYZ	6.9688, 6.7321, 14.5678
YIQ	73.1850, -16.2780, 8.6660

Conversions

Conversions Part 2

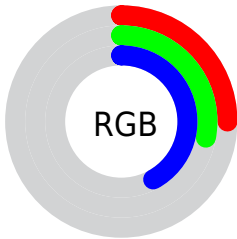
Format	Color
RYB	63, 70, 106
Decimal	4147306
CIELab	31.19, 5.87, -20.93
CIElCh	31, 21.739, 285.666
Yxy	6.7321, 0.2465, 0.2381
Android (android.graphics.Color)	4282337386 (0xFF3F486A)
YUV	73.1850, 16.1778, -8.9322
Hunter-Lab	25.9463, 2.5364, -15.1266

Details

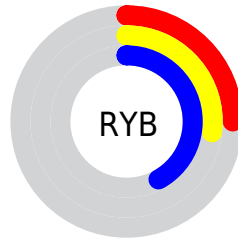
The Hex color **3F486A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6A613F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **70789D**, and **0F1D3A** is the 20% darker color. If you saturate the color by 10%, you get **34406A**, and if you desaturate by 10%, it is **4A506A**.

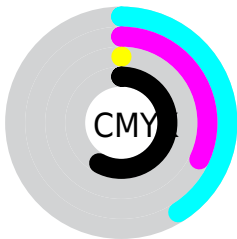
Distribution



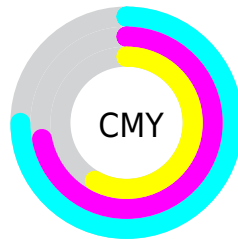
- Red (25%)
- Green (28%)
- Blue (42%)



- Red (25%)
- Yellow (27%)
- Blue (42%)



- Cyan (41%)
- Magenta (32%)
- Yellow (0%)
- Black (58%)



- Cyan (75%)
- Magenta (72%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F486A 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 3F486A by changing the saturation by 10% instead.

■ 3F486A

■ 3F486A

FFFFFF

■ 273252

■ 70789D

■ 0F1D3A

■ 8A92B8

■ 000225

■ A5ADD4

■ 00010E

■ C0C8F1

■ 000000

■ DDE4FF

■ F9FFFF

■ 3F486A

■ 3F486A

■ 34406A

■ 4A506A

■ 2A376A

■ 54596A

■ 1F2F6A

■ 5F616A

■ 15266A

■ 696A6A

■ 0A1E6A

■ 74726A

■ 00166A

■ 7F7A6A

■ 89836A

■ 948B6A

■ 9E936A

Harmonies

Analogous

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



214D6A



3F486A



564261

Triad

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



3F486A



674032



225240

Complementary

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



3F486A



6A613F

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.



384F31



3F486A



5C4628

Square

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



3F486A



6A3C41



4C4B28



045252

Rectangle

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



3F486A



613E58



4C4B28



2A513B

Sweetspot

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



3F486A



797D8A



3F6A61



3B3D45



C4C4C4



454545

Same Dimension

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



3F486A



46548A



4B3F6A



303136



001975



0033F5

Inverse Universe

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



6A3F48



8A4654



5E6A3F



363031



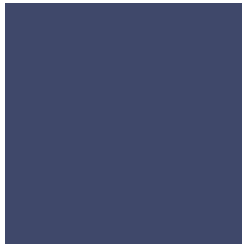
750019



F50033

Previews

White Background



This preview shows how the Hex color 3F486A looks on a white background.

Color Contrast Check

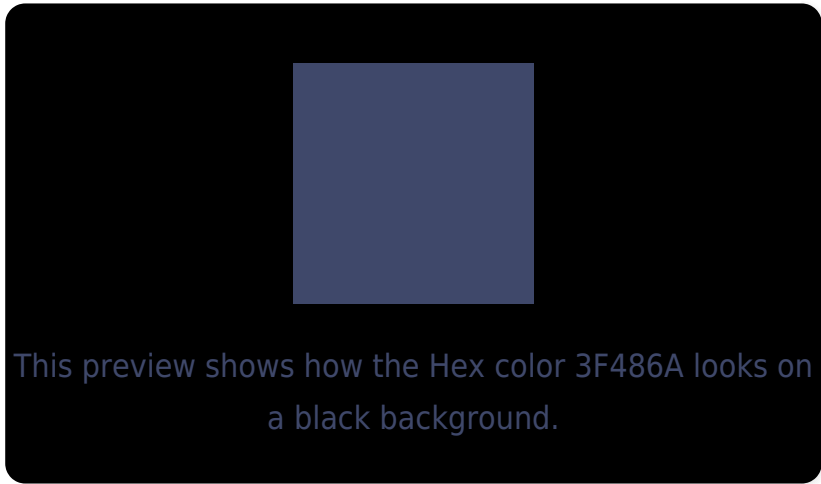
Large Text (above 18pt) WCAG AA ✓ Pass

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

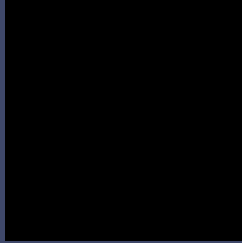
Any Text WCAG AA × Fail

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 3F486A Background



This preview shows how black text looks on a background with the Hex color 3F486A.

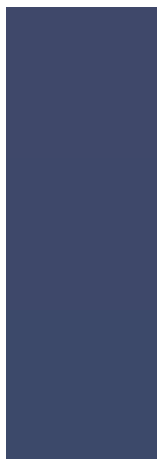


This preview shows how white text looks on a background with the Hex color 3F486A.

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

3F486A

Protanopia

3E486A

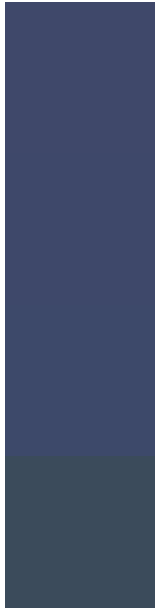
Deuteranopia

3C496A



Tritanopia
394D53

Trichromacy



Original Color
3F486A

Protanomaly
3E486A

Deuteranomaly
3D496A

Tritanomaly
3B4B5B

Monochromacy



Original Color
3F486A

Achromatopsia
494949

Achromatomaly
454955

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F486A 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 #3F486A looks like.

```
.text, #text, p{  
    color:#3F486A  
}
```

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 #3F486A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F486A
}
```

Border

The CSS property to change the border of an element to Hex 3F486A is called "border". The border property can be set on classes, ids or directly on the HTML element.

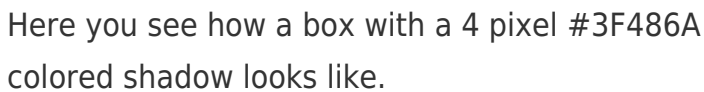
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F486A }
```

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

```
.border{ border-color:#3F486A }
```

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



Here you see how a box with a 4 pixel #3F486A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F486A; -webkit-box-shadow:4px 4px  
4px 4px #3F486A; box-shadow:4px 4px 4px  
4px #3F486A }
```

Background

The CSS property to change the background color of an element to Hex 3F486A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F486A }
```

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

```
.background{ background-color:#3F486A }
```

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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