

Converting Colors

Hex(3A426D)

Have a look what the booklet for
Hex(3A426D) contains.

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Color

Hex(3A426D)

Conversions

Conversions Part 1

Format	Color
Hex	3A426D
RGB	58, 66, 109
RGB Percent	23%, 26%, 43%
CMY	0.7725, 0.7412, 0.5725
CMYK	0.47, 0.39, 0.00, 0.57
HSL	231°, 31%, 33%
HSV	231°, 47%, 43%
XYZ	6.4535, 5.9001, 15.2667
YIQ	68.5100, -18.5710, 11.6770

Conversions

Conversions Part 2

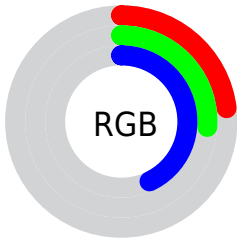
Format	Color
RYB	58, 65, 109
Decimal	3818093
CIELab	29.16, 9.33, -26.04
CIElCh	29, 27.663, 289.710
Yxy	5.9001, 0.2336, 0.2136
Android (android.graphics.Color)	4282008173 (0xFF3A426D)
YUV	68.5100, 19.9616, -9.2173
Hunter-Lab	24.2901, 4.9166, -20.2616

Details

The Hex color **3A426D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6D653A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6C72A1**, and **06183D** is the 20% darker color. If you saturate the color by 10%, you get **2F396D**, and if you desaturate by 10%, it is **454B6D**.

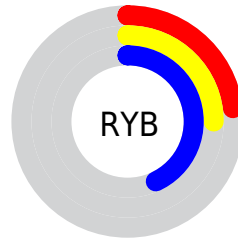
Distribution



Red (23%)

Green (26%)

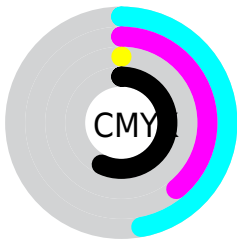
Blue (43%)



Red (23%)

Yellow (25%)

Blue (43%)

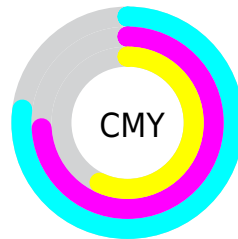


Cyan (47%)

Magenta (39%)

Yellow (0%)

Black (57%)



Cyan (77%)

Magenta (74%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A426D 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 3A426D by changing the saturation by 10% instead.

■ 3A426D

■ 3A426D

FFFFFF

■ 222C54

■ 6C72A1

■ 06183D

■ 868BBC

■ 000027

■ A1A5D8

■ 000111

■ BCC1F4

■ 000000

■ D8DCFF

■ F5F9FF

■ 3A426D

■ 3A426D

■ 2F396D

■ 454B6D

■ 24306D

■ 50546D

■ 19266D

■ 5B5E6D

■ 0E1D6D

■ 66676D

■ 04146D

■ 71706D

■ 00116D

■ 7B796D

■ 86826D

■ 918C6D

■ 9C956D

Harmonies

Analogous

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



00496F



3A426D



583A61

Triad

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



3A426D



663925



004F3C

Complementary

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



3A426D



6D653A

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.



2A4D28



3A426D



574119

Square

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



3A426D



6D3337



43481B



004F52

Rectangle

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



3A426D



643554



43481B



124E35

Sweetspot

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



3A426D



7B7E8F



3A6D64



3B3D47



C7C7C7



474747

Same Dimension

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



3A426D



3F4B8F



4B3A6D



303136



001275



0026F5

Inverse Universe

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



6D3A42



8F3F4B



5C6D3A



363031



750012



F50026

Previews

White Background



This preview shows how the Hex color 3A426D looks on a white background.

Color Contrast Check

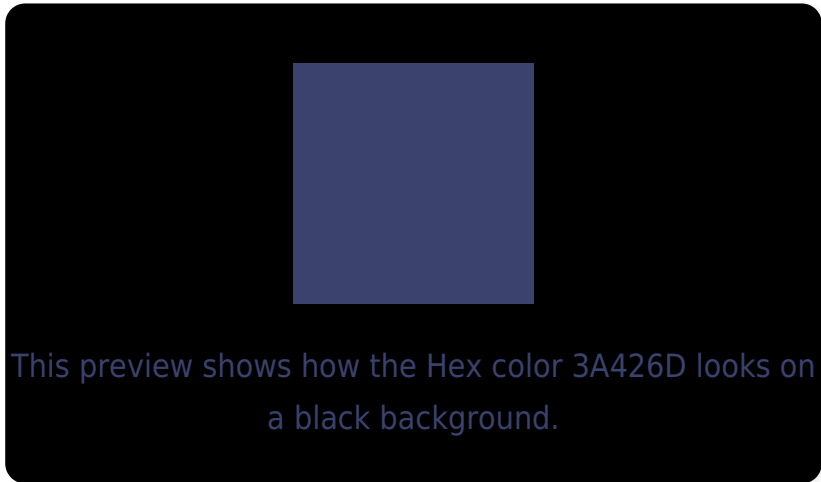
Large Text (above 18pt) WCAG AA ✓ Pass

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

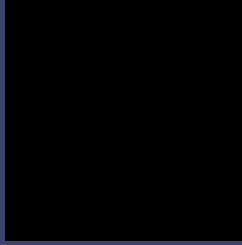
Any Text WCAG AA × Fail

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 3A426D Background



This preview shows how black text looks on a background with the Hex color 3A426D.



This preview shows how white text looks on a background with the Hex color 3A426D.

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

3A426D

Protanopia

34436E

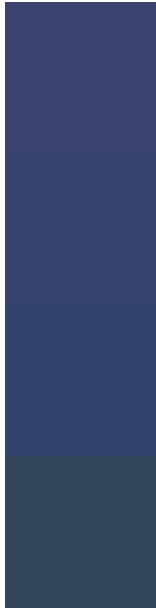
Deuteranopia

2F456C



Tritanopia
31484E

Trichromacy



Original Color
3A426D

Protanomaly
36436E

Deuteranomaly
33446C

Tritanomaly
344659

Monochromacy



Original Color
3A426D

Achromatopsia
454545

Achromatomaly
414454

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A426D 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 #3A426D looks like.

```
.text, #text, p{  
    color:#3A426D  
}
```

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 #3A426D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A426D
}
```

Border

The CSS property to change the border of an element to Hex 3A426D is called "border". The border property can be set on classes, ids or directly on the HTML element.

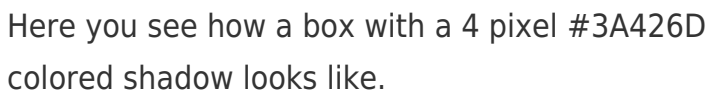
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A426D }
```

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

```
.border{ border-color:#3A426D }
```

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



Here you see how a box with a 4 pixel #3A426D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A426D; -webkit-box-shadow:4px 4px  
4px 4px #3A426D; box-shadow:4px 4px 4px  
4px #3A426D }
```

Background

The CSS property to change the background color of an element to Hex 3A426D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A426D }
```

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

```
.background{ background-color:#3A426D }
```

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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