

Converting Colors

Hex(3B407C)

Have a look what the booklet for
Hex(3B407C) contains.

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Color

Hex(3B407C)

Conversions

Conversions Part 1

Format	Color
Hex	3B407C
RGB	59, 64, 124
RGB Percent	23%, 25%, 49%
CMY	0.7686, 0.7490, 0.5137
CMYK	0.52, 0.48, 0.00, 0.51
HSL	235°, 36%, 36%
HSV	235°, 52%, 49%
XYZ	7.2751, 6.0518, 19.8535
YIQ	69.3450, -22.2400, 17.6000

Conversions

Conversions Part 2

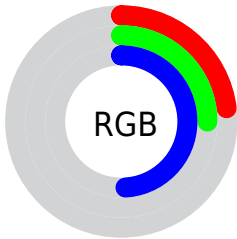
Format	Color
RYB	59, 64, 124
Decimal	3883132
CIELab	29.54, 15.99, -34.89
CIElCh	30, 38.378, 294.620
Yxy	6.0518, 0.2193, 0.1824
Android (android.graphics.Color)	4282073212 (0xFF3B407C)
YUV	69.3450, 26.9449, -9.0726
Hunter-Lab	24.6005, 9.7371, -30.6288

Details

The Hex color **3B407C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7C773B**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6F70B1**, and **00164A** is the 20% darker color. If you saturate the color by 10%, you get **2F357C**, and if you desaturate by 10%, it is **474B7C**.

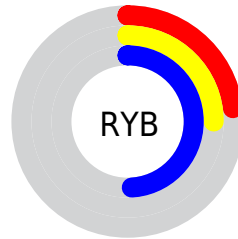
Distribution



Red (23%)

Green (25%)

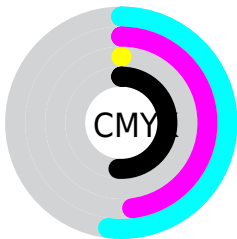
Blue (49%)



Red (23%)

Yellow (25%)

Blue (49%)

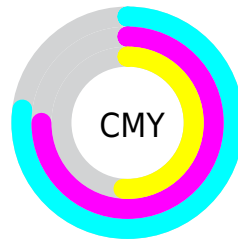


Cyan (52%)

Magenta (48%)

Yellow (0%)

Black (51%)



Cyan (77%)

Magenta (75%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B407C 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 3B407C by changing the saturation by 10% instead.

■ 3B407C

■ 3B407C

FFFFFF

■ 202A63

■ 6F70B1

■ 00164A

■ 8989CD

■ 000034

■ A5A3E9

■ 00021D

■ C1BEFF

■ 000000

■ DDDAFF

■ FAF6FF

■ 3B407C

■ 3B407C

■ 2F357C

■ 474B7C

■ 22297C

■ 54577C

■ 161E7C

■ 60627C

■ 09127C

■ 6D6E7C

■ 000A7C

■ 79797C

■ 85857C

■ 92907C

■ 9E9C7C

■ ABA77C

Harmonies

Analogous

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



004B81



3B407C



643268

Triad

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



3B407C



6E3614



00533F

Complementary

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



3B407C



7C773B

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.



115121



3B407C



594201

Square

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



3B407C



7A2B2F



3C4B07



00535E

Rectangle

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



3B407C



732B56



3C4B07



005335

Sweetspot

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



3B407C



8789A1



3B7C77



424352



D1D1D1



525252

Same Dimension

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



3B407C



3B43A1



563B7C



37383D



000A7D



0013FC

Inverse Universe

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



7C3B40



A13B43



617C3B



3D3738



7D000A



FC0013

Previews

White Background



This preview shows how the Hex color 3B407C looks on a white background.

Color Contrast Check

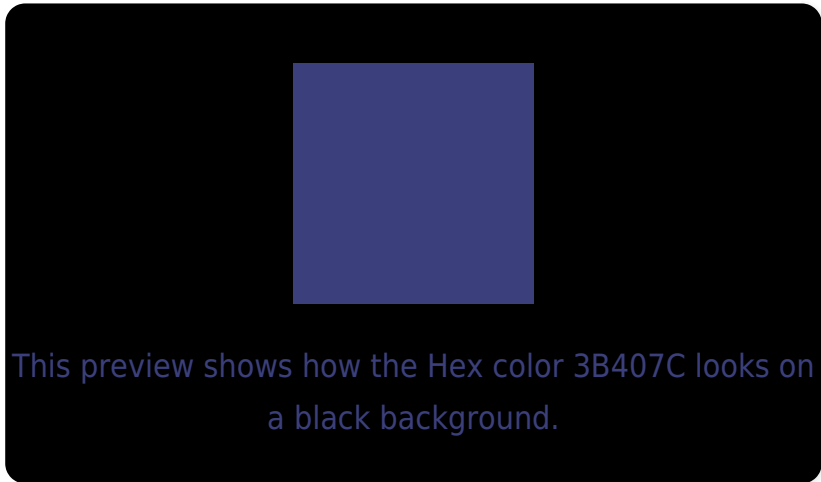
Large Text (above 18pt) WCAG AA ✓ Pass

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

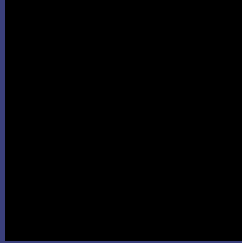
Any Text WCAG AA × Fail

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 3B407C Background



This preview shows how black text looks on a background with the Hex color 3B407C.

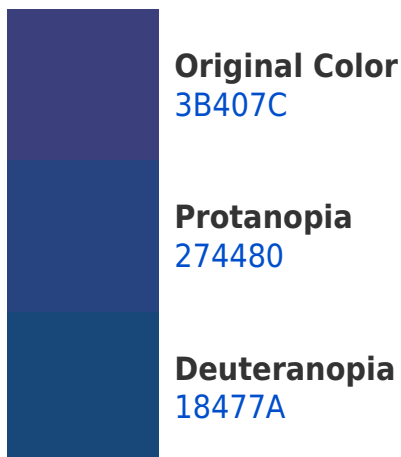


This preview shows how white text looks on a background with the Hex color 3B407C.

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
2C4A50

Trichromacy



Original Color
3B407C

Protanomaly
2E437F

Deuteranomaly
25447B

Tritanomaly
314660

Monochromacy



Original Color
3B407C

Achromatopsia
454545

Achromatomaly
414359

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B407C 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 #3B407C looks like.

```
.text, #text, p{  
    color:#3B407C  
}
```

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 #3B407C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B407C
}
```

Border

The CSS property to change the border of an element to Hex 3B407C 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
#3B407C }
```

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

```
.border{ border-color:#3B407C }
```

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

Here you see how a box with a 4 pixel #3B407C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B407C; -webkit-box-shadow:4px 4px  
4px 4px #3B407C; box-shadow:4px 4px 4px  
4px #3B407C }
```

Background

The CSS property to change the background color of an element to Hex 3B407C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B407C }
```

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

```
.background{ background-color:#3B407C }
```

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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