

Converting Colors

Hex(3B4A7C)

Have a look what the booklet for
Hex(3B4A7C) contains.

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Color

Hex(3B4A7C)

Conversions

Conversions Part 1

Format	Color
Hex	3B4A7C
RGB	59, 74, 124
RGB Percent	23%, 29%, 49%
CMY	0.7686, 0.7098, 0.5137
CMYK	0.52, 0.40, 0.00, 0.51
HSL	226°, 36%, 36%
HSV	226°, 52%, 49%
XYZ	7.8905, 7.2826, 20.0586
YIQ	75.2150, -24.9900, 12.3700

Conversions

Conversions Part 2

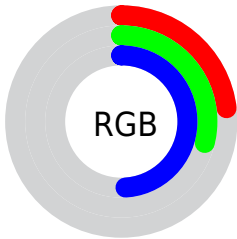
Format	Color
RYB	59, 71, 124
Decimal	3885692
CIELab	32.44, 9.32, -30.28
CIElCh	32, 31.681, 287.104
Yxy	7.2826, 0.2240, 0.2067
Android (android.graphics.Color)	4282075772 (0xFF3B4A7C)
YUV	75.2150, 24.0510, -14.2206
Hunter-Lab	26.9863, 4.9655, -25.1791

Details

The Hex color **3B4A7C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7C6D3B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6F7AB1**, and **001F4B** is the 20% darker color. If you saturate the color by 10%, you get **2F407C**, and if you desaturate by 10%, it is **47547C**.

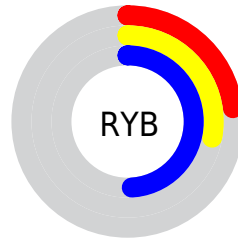
Distribution



Red (23%)

Green (29%)

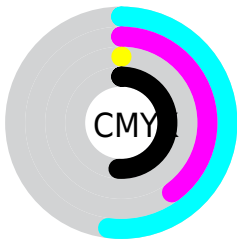
Blue (49%)



Red (23%)

Yellow (28%)

Blue (49%)

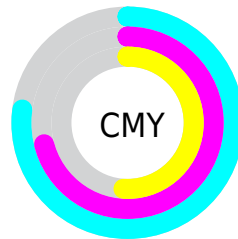


Cyan (52%)

Magenta (40%)

Yellow (0%)

Black (51%)



Cyan (77%)

Magenta (71%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4A7C 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 3B4A7C by changing the saturation by 10% instead.

■ 3B4A7C

■ 3B4A7C

FFFFFF

■ 213463

■ 6F7AB1

■ 001F4B

■ 8994CC

■ 000634

■ A4AFE9

■ 00021E

■ C0CAFF

■ 000000

■ DCE6FF

■ F9FFFF

■ 3B4A7C

■ 3B4A7C

■ 2F407C

■ 47547C

■ 22377C

■ 545D7C

■ 162D7C

■ 60677C

■ 09247C

■ 6D707C

■ 001D7C

■ 797A7C

■ 85837C

■ 928D7C

■ 9E967C

■ ABA07C

Harmonies

Analogous

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



00527D



3B4A7C



60406E

Triad

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



3B4A7C



743E29



005840

Complementary

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



3B4A7C



7C6D3B

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.



305529



3B4A7C



63471A

Square

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



3B4A7C



7B373F



4D4F1A



00595A

Rectangle

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



3B4A7C



6F3A60



4D4F1A



135738

Sweetspot

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



3B4A7C



878DA1



3B7C6D



424652



D1D1D1



525252

Same Dimension

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



3B4A7C



3B53A1



4C3B7C



37383D



001D7D



003AFC

Inverse Universe

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



7C3B4A



A13B53



6B7C3B



3D3738



7D001D



FC003A

Previews

White Background



This preview shows how the Hex color 3B4A7C looks on a white background.

Color Contrast Check

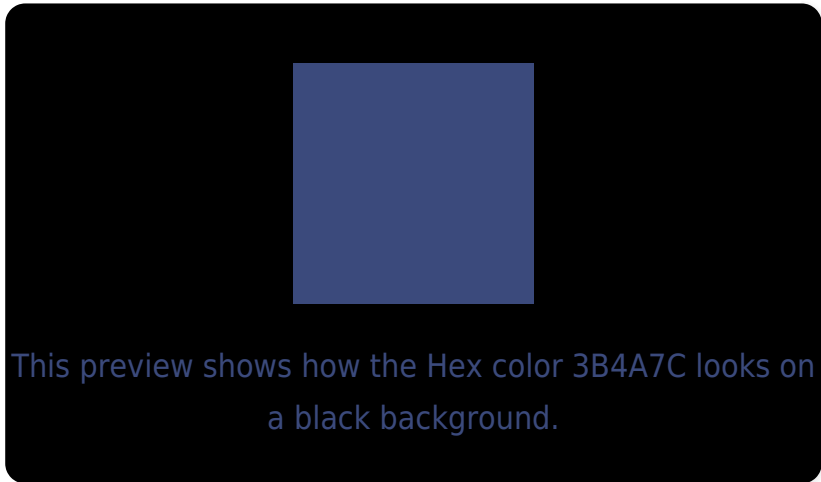
Large Text (above 18pt) WCAG AA ✓ Pass

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

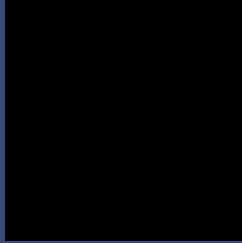
Any Text WCAG AA × Fail

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 3B4A7C Background



This preview shows how black text looks on a background with the Hex color 3B4A7C.



This preview shows how white text looks on a background with the Hex color 3B4A7C.

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
3B4A7C

Protanopia
384B7C

Deuteranopia
304C7B

Trichromacy



Original Color
3B4A7C

Protanomaly
394B7C

Deuteranomaly
344B7B

Tritanomaly
334F65

Monochromacy



Original Color
3B4A7C

Achromatopsia
4B4B4B

Achromatomaly
454B5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4A7C 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 #3B4A7C looks like.

```
.text, #text, p{  
    color:#3B4A7C  
}
```

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 #3B4A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4A7C
}
```

Border

The CSS property to change the border of an element to Hex 3B4A7C 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
#3B4A7C }
```

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

```
.border{ border-color:#3B4A7C }
```

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

Here you see how a box with a 4 pixel #3B4A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4A7C; -webkit-box-shadow:4px 4px  
4px 4px #3B4A7C; box-shadow:4px 4px 4px  
4px #3B4A7C }
```

Background

The CSS property to change the background color of an element to Hex 3B4A7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4A7C }
```

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

```
.background{ background-color:#3B4A7C }
```

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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