

Converting Colors

Hex(3B4B77)

Have a look what the booklet for
Hex(3B4B77) contains.

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Color

Hex(3B4B77)

Conversions

Conversions Part 1	
Format	Color
Hex	3B4B77
RGB	59, 75, 119
RGB Percent	23%, 29%, 47%
CMY	0.7686, 0.7059, 0.5333
CMYK	0.50, 0.37, 0.00, 0.53
HSL	224°, 34%, 35%
HSV	224°, 50%, 47%
XYZ	7.6495, 7.2939, 18.4574
YIQ	75.2320, -23.6600, 10.2920

Conversions

Conversions Part 2

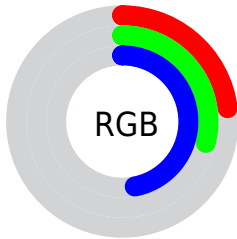
Format	Color
RYB	59, 72, 119
Decimal	3885943
CIELab	32.47, 6.97, -27.12
CIELCh	32, 28.005, 284.403
Yxy	7.2939, 0.2290, 0.2184
Android (android.graphics.Color)	4282076023 (0xFF3B4B77)
YUV	75.2320, 21.5776, -14.2355
Hunter-Lab	27.0072, 3.2956, -21.6154

Details

The Hex color **3B4B77** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **77673B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6E7CAB**, and **032046** is the 20% darker color. If you saturate the color by 10%, you get **2F4277**, and if you desaturate by 10%, it is **475477**.

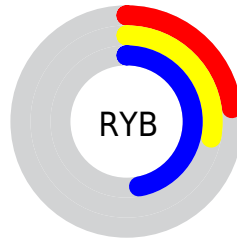
Distribution



Red (23%)

Green (29%)

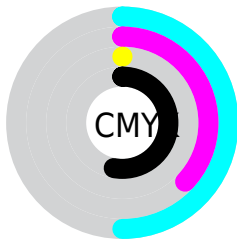
Blue (47%)



Red (23%)

Yellow (28%)

Blue (47%)

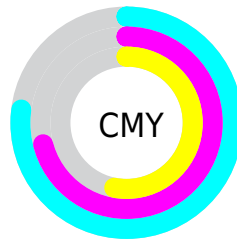


Cyan (50%)

Magenta (37%)

Yellow (0%)

Black (53%)



Cyan (77%)

Magenta (71%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4B77 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 3B4B77 by changing the saturation by 10% instead.

 3B4B77

 3B4B77

FFFFFF

 22355E

 6E7CAB

 032046

 8895C7

 000730

 A3B0E3

 00011A

 BFCBFF

 000000

 DBE7FF

 F8FFFF

 3B4B77

 3B4B77

 2F4277

 475477

■ 233A77

■ 535C77

■ 173177

■ 5F6577

■ 0B2877

■ 6B6E77

■ 002077

■ 767777

■ 827F77

■ 8E8877

■ 9A9177

■ A69A77

Harmonies

Analogous

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



005277



3B4B77



5C426C

Triad

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



3B4B77



713F2E



135740

Complementary

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



3B4B77



77673B

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.



37542C



3B4B77



634721

Square

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



3B4B77



763A43



4F4E20



005857

Rectangle

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



3B4B77



6A3D60



4F4E20



225639

Sweetspot

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



3B4B77



848A9C



3B7767



41454F



CFCFCF



4F4F4F

Same Dimension

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



3B4B77



3D569C



493B77



35363B



00217A



0043FA

Inverse Universe

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



773B4B



9C3D56



69773B



3B3536



7A0021



FA0043

Previews

White Background



This preview shows how the Hex color 3B4B77 looks on a white background.

Color Contrast Check

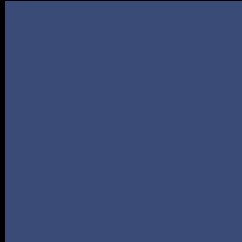
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 3B4B77 looks on a 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 3B4B77 Background



This preview shows how black text looks on a background with the Hex color 3B4B77.

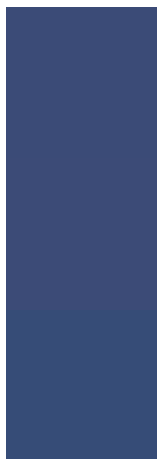


This preview shows how white text looks on a background with the Hex color 3B4B77.

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

3B4B77

Protanopia

3C4B77

Deuteranopia


364C77




Tritanopia

315158

Trichromacy

	Original Color 3B4B77
	Protanomaly 3C4B77
	Deuteranomaly 384C77
	Tritanomaly 354F63

Monochromacy

	Original Color 3B4B77
	Achromatopsia 4B4B4B
	Achromatomaly 454B5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4B77 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 #3B4B77 looks like.

```
.text, #text, p{  
    color:#3B4B77  
}
```

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 #3B4B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4B77
}
```

Border

The CSS property to change the border of an element to Hex 3B4B77 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
#3B4B77 }
```

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

```
.border{ border-color:#3B4B77 }
```

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

Here you see how a box with a 4 pixel #3B4B77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4B77; -webkit-box-shadow:4px 4px  
4px 4px #3B4B77; box-shadow:4px 4px 4px  
4px #3B4B77 }
```

Background

The CSS property to change the background color of an element to Hex 3B4B77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4B77 }
```

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

```
.background{ background-color:#3B4B77 }
```

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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