

Converting Colors

Hex(3B4B73)

Have a look what the booklet for
Hex(3B4B73) contains.

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Color

Hex(3B4B73)

Conversions

Conversions Part 1

Format	Color
Hex	3B4B73
RGB	59, 75, 115
RGB Percent	23%, 29%, 45%
CMY	0.7686, 0.7059, 0.5490
CMYK	0.49, 0.35, 0.00, 0.55
HSL	223°, 32%, 34%
HSV	223°, 49%, 45%
XYZ	7.4142, 7.1998, 17.2186
YIQ	74.7760, -22.3760, 9.0480

Conversions

Conversions Part 2

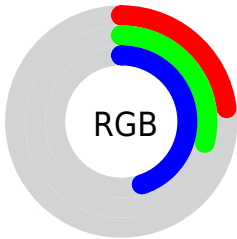
Format	Color
RYB	59, 71, 115
Decimal	3885939
CIELab	32.26, 5.63, -24.95
CIElCh	32, 25.579, 282.720
Yxy	7.1998, 0.2329, 0.2262
Android (android.graphics.Color)	4282076019 (0xFF3B4B73)
YUV	74.7760, 19.8304, -13.8356
Hunter-Lab	26.8324, 2.3658, -19.2643

Details

The Hex color **3B4B73** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **73633B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6D7CA7**, and **052043** is the 20% darker color. If you saturate the color by 10%, you get **304373**, and if you desaturate by 10%, it is **475373**.

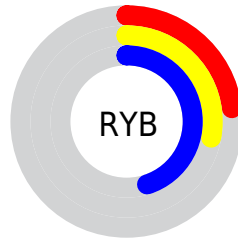
Distribution



Red (23%)

Green (29%)

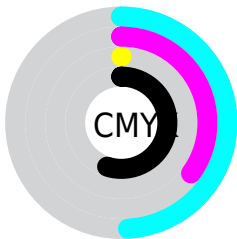
Blue (45%)



Red (23%)

Yellow (28%)

Blue (45%)

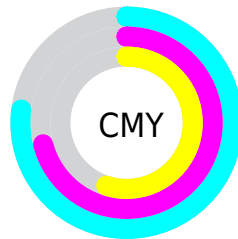


Cyan (49%)

Magenta (35%)

Yellow (0%)

Black (55%)



Cyan (77%)

Magenta (71%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B4B73 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 3B4B73 by changing the saturation by 10% instead.

■ 3B4B73

■ 3B4B73

FFFFFF

■ 22355A

■ 6D7CA7

■ 052043

■ 8895C2

■ 00072C

■ A2B0DE

■ 000117

■ BECBFB

■ 000000

■ DAE7FF

■ F7FFFF

■ 3B4B73

■ 3B4B73

■ 304373

■ 475373

■ 243B73

■ 525B73

■ 193273

■ 5E6473

■ 0D2A73

■ 696C73

■ 022273

■ 757473

■ 002173

■ 807C73

■ 8C8573

■ 978D73

■ A39573

Harmonies

Analogous

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



0A5172



3B4B73



59436A

Triad

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



3B4B73



6E4032



1D553F

Complementary

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



3B4B73



73633B

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.



3A532D



3B4B73



624725

Square

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



3B4B73



723C44



504D24



005654

Rectangle

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



3B4B73



663F5F



504D24



285539

Sweetspot

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



3B4B73



808696



3B7362



3F434D



CCCCCC



4D4D4D

Same Dimension

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



3B4B73



3F5896



463B73



35363B



00237A



0047FA

Inverse Universe

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



733B4B



963F58



68733B



3B3536



7A0023



FA0047

Previews

White Background



This preview shows how the Hex color 3B4B73 looks on a white background.

Color Contrast Check

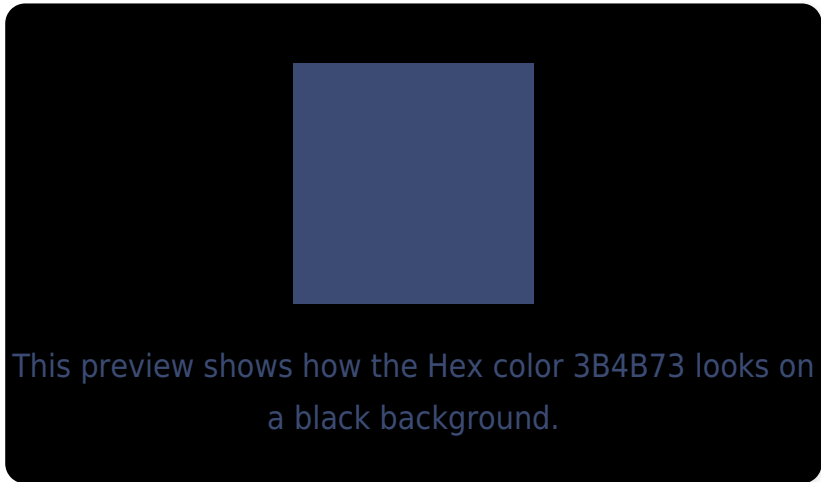
Large Text (above 18pt) WCAG AA ✓ Pass

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

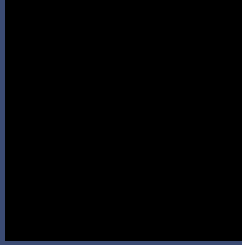
Any Text WCAG AA × Fail

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 3B4B73 Background



This preview shows how black text looks on a background with the Hex color 3B4B73.

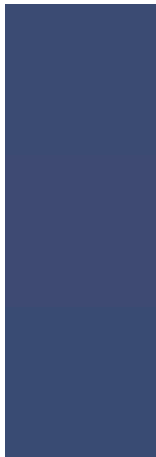


This preview shows how white text looks on a background with the Hex color 3B4B73.

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
3B4B73

Protanopia
3E4A73

Deuteranopia
394B73



Tritanopia
325157

Trichromacy



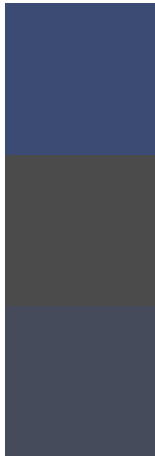
Original Color
3B4B73

Protanomaly
3D4A73

Deuteranomaly
3A4B73

Tritanomaly
354F61

Monochromacy



Original Color
3B4B73

Achromatopsia
4B4B4B

Achromatomaly
454B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B4B73 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 #3B4B73 looks like.

```
.text, #text, p{  
    color:#3B4B73  
}
```

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 #3B4B73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B4B73
}
```

Border

The CSS property to change the border of an element to Hex 3B4B73 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
#3B4B73 }
```

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

```
.border{ border-color:#3B4B73 }
```

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

Here you see how a box with a 4 pixel #3B4B73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B4B73; -webkit-box-shadow:4px 4px  
4px 4px #3B4B73; box-shadow:4px 4px 4px  
4px #3B4B73 }
```

Background

The CSS property to change the background color of an element to Hex 3B4B73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B4B73 }
```

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

```
.background{ background-color:#3B4B73 }
```

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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