

Converting Colors

Hex(3B3870)

Have a look what the booklet for
Hex(3B3870) contains.

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Color

Hex(3B3870)

Conversions

Conversions Part 1

Format	Color
Hex	3B3870
RGB	59, 56, 112
RGB Percent	23%, 22%, 44%
CMY	0.7686, 0.7804, 0.5608
CMYK	0.47, 0.50, 0.00, 0.56
HSL	243°, 33%, 33%
HSV	243°, 50%, 44%
XYZ	6.1424, 4.9280, 15.9567
YIQ	63.2810, -16.1880, 18.0520

Conversions

Conversions Part 2

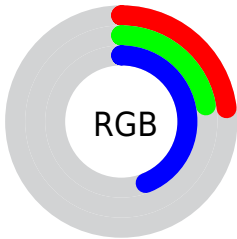
Format	Color
RYB	59, 56, 112
Decimal	3881072
CIELab	26.53, 17.34, -32.12
CIElCh	27, 36.499, 298.357
Yxy	4.9280, 0.2273, 0.1823
Android (android.graphics.Color)	4282071152 (0xFF3B3870)
YUV	63.2810, 24.0185, -3.7544
Hunter-Lab	22.1991, 10.5420, -27.0782

Details

The Hex color **3B3870** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6D7038**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6E67A4**, and **050E40** is the 20% darker color. If you saturate the color by 10%, you get **302D70**, and if you desaturate by 10%, it is **464370**.

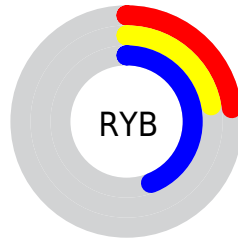
Distribution



Red (23%)

Green (22%)

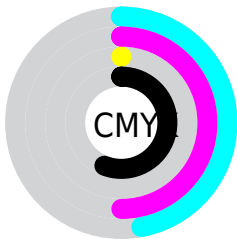
Blue (44%)



Red (23%)

Yellow (22%)

Blue (44%)

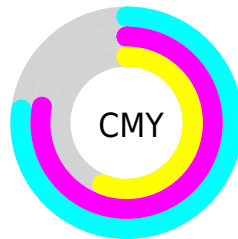


Cyan (47%)

Magenta (50%)

Yellow (0%)

Black (56%)



Cyan (77%)

Magenta (78%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B3870 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 3B3870 by changing the saturation by 10% instead.

■ 3B3870

■ 3B3870

FFFFFF

■ 222357

■ 6E67A4

■ 050E40

■ 8880BF

■ 000129

■ A39ADB

■ 000113

■ BFB5F8

■ 000000

■ DBD0FF

■ F8EDFF

■ 3B3870

■ 3B3870

■ 302D70

■ 464370

■ 262270

■ 504E70

■ 1B1670

■ 5B5A70

■ 110B70

■ 656570

■ 060070

■ 707070

■ 7B7B70

■ 858670

■ 909270

■ 9A9D70

Harmonies

Analogous

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



004377



3B3870



5F2B5C

Triad

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



3B3870



63320E



004B3C

Complementary

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



3B3870



6D7038

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.



014920



3B3870



4E3D00

Square

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



3B3870



6F2626



324506



004B58

Rectangle

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



3B3870



6B244B



324506



004B33

Sweetspot

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



3B3870



7D7C91



386D70



3D3D4A



C9C9C9



4A4A4A

Same Dimension

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



3B3870



3F3A91



573870



333238



060078



0D00F7

Inverse Universe

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



70386D



913A8D



517038



383238



780071



F700EA

Previews

White Background



This preview shows how the Hex color 3B3870 looks on a white background.

Color Contrast Check

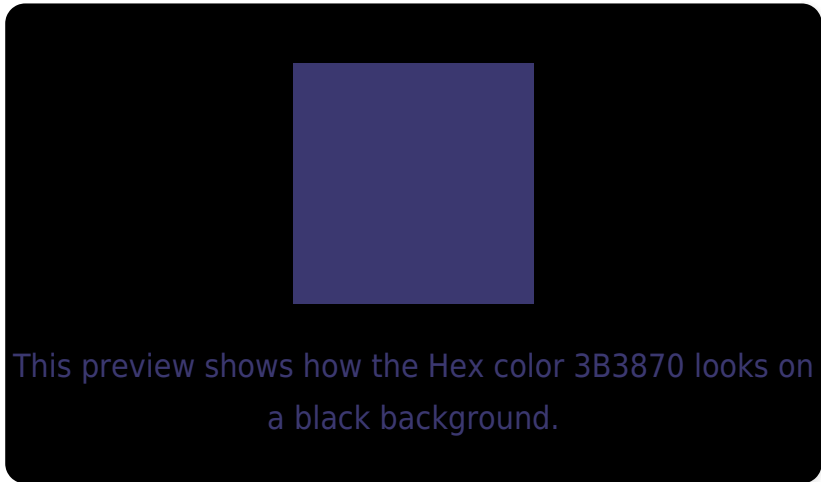
Large Text (above 18pt) WCAG AA ✓ Pass

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

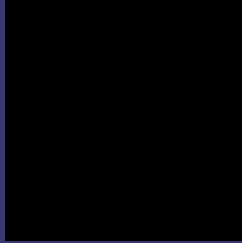
Any Text WCAG AA × Fail

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 3B3870 Background



This preview shows how black text looks on a background with the Hex color 3B3870.



This preview shows how white text looks on a background with the Hex color 3B3870.

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
3B3870

Protanopia
213D75

Deuteranopia
16406E



Tritanopia
2F4247

Trichromacy



Original Color
3B3870

Protanomaly
2A3B73

Deuteranomaly
233D6F

Tritanomaly
333E56

Monochromacy



Original Color
3B3870

Achromatopsia
3F3F3F

Achromatomaly
3E3C51

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B3870 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 #3B3870 looks like.

```
.text, #text, p{  
    color:#3B3870  
}
```

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 #3B3870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3870
}
```

Border

The CSS property to change the border of an element to Hex 3B3870 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
#3B3870 }
```

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

```
.border{ border-color:#3B3870 }
```

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

Here you see how a box with a 4 pixel #3B3870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3870; -webkit-box-shadow:4px 4px  
4px 4px #3B3870; box-shadow:4px 4px 4px  
4px #3B3870 }
```

Background

The CSS property to change the background color of an element to Hex 3B3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3870 }
```

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

```
.background{ background-color:#3B3870 }
```

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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