

Converting Colors

Hex(3A3A73)

Have a look what the booklet for
Hex(3A3A73) contains.

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Color

Hex(3A3A73)

Conversions

Conversions Part 1

Format	Color
Hex	3A3A73
RGB	58, 58, 115
RGB Percent	23%, 23%, 45%
CMY	0.7725, 0.7725, 0.5490
CMYK	0.50, 0.50, 0.00, 0.55
HSL	240°, 33%, 34%
HSV	240°, 50%, 45%
XYZ	6.3525, 5.1635, 16.8815
YIQ	64.4980, -18.2970, 17.7270

Conversions

Conversions Part 2

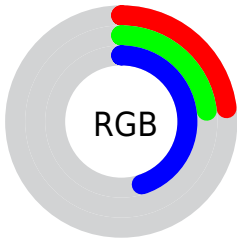
Format	Color
RYB	58, 58, 115
Decimal	3816051
CIELab	27.20, 16.72, -32.97
CIElCh	27, 36.968, 296.897
Yxy	5.1635, 0.2237, 0.1818
Android (android.graphics.Color)	4282006131 (0xFF3A3A73)
YUV	64.4980, 24.8975, -5.6987
Hunter-Lab	22.7232, 10.1356, -28.1413

Details

The Hex color **3A3A73** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **73733A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6D69A7**, and **021142** is the 20% darker color. If you saturate the color by 10%, you get **2F2F73**, and if you desaturate by 10%, it is **464673**.

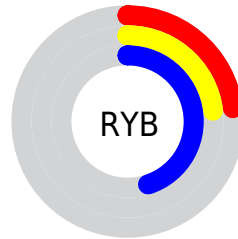
Distribution



Red (23%)

Green (23%)

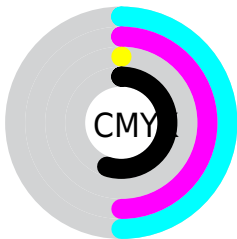
Blue (45%)



Red (23%)

Yellow (23%)

Blue (45%)

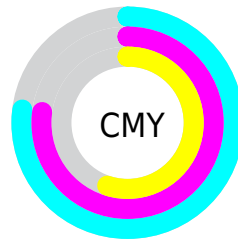


Cyan (50%)

Magenta (50%)

Yellow (0%)

Black (55%)



Cyan (77%)

Magenta (77%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3A73 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 3A3A73 by changing the saturation by 10% instead.

■ 3A3A73

■ 3A3A73

FFFFFF

■ 20245A

■ 6D69A7

■ 021142

■ 8782C3

■ 00002C

■ A29CDF

■ 000116

■ BEB7FC

■ 000000

■ DAD3FF

■ F7EFFF

■ 3A3A73

■ 3A3A73

■ 2F2F73

■ 464673

■ 232373

■ 515173

■ 181873

■ 5D5D73

■ 0C0C73

■ 686873

■ 010173

■ 747473

■ 000073

■ 7F7F73

■ 8B8B73

■ 969673

■ A2A273

Harmonies

Analogous

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



004479



3A3A73



5F2D60

Triad

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



3A3A73



663310



004D3C

Complementary

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



3A3A73



73733A

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.



064B1F



3A3A73



513E00

Square

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



3A3A73



722728



354606



004D59

Rectangle

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



3A3A73



6D264E



354606



004D32

Sweetspot

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



3A3A73



808096



3A7373



3F3F4D



CCCCCC



4D4D4D

Same Dimension

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



3A3A73



3E3E96



573A73



35353B



00007A



0000FA

Inverse Universe

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



733A73



963E96



57733A



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 3A3A73 looks on a white background.

Color Contrast Check

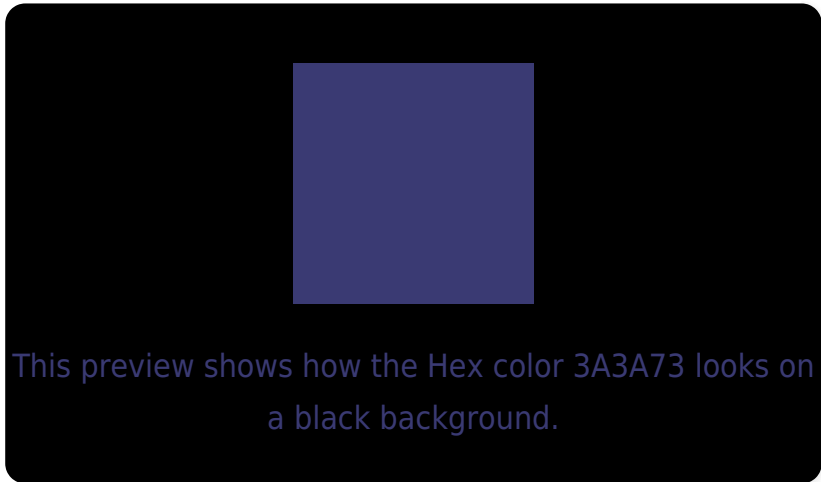
Large Text (above 18pt) WCAG AA ✓ Pass

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

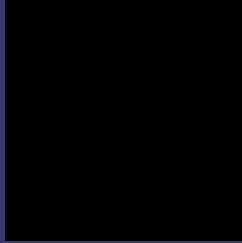
Any Text WCAG AA × Fail

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 3A3A73 Background



This preview shows how black text looks on a background with the Hex color 3A3A73.



This preview shows how white text looks on a background with the Hex color 3A3A73.

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
2D4449

Trichromacy



Original Color
3A3A73

Protanomaly
2B3D76

Deuteranomaly
223E72

Tritanomaly
324058

Monochromacy



Original Color
3A3A73

Achromatopsia
404040

Achromatomaly
3E3E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3A73 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 #3A3A73 looks like.

```
.text, #text, p{  
    color:#3A3A73  
}
```

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 #3A3A73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3A73
}
```

Border

The CSS property to change the border of an element to Hex 3A3A73 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
#3A3A73 }
```

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

```
.border{ border-color:#3A3A73 }
```

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

Here you see how a box with a 4 pixel #3A3A73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3A73; -webkit-box-shadow:4px 4px  
4px 4px #3A3A73; box-shadow:4px 4px 4px  
4px #3A3A73 }
```

Background

The CSS property to change the background color of an element to Hex 3A3A73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3A73 }
```

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

```
.background{ background-color:#3A3A73 }
```

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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