

Converting Colors

Hex(3A2448)

Have a look what the booklet for
Hex(3A2448) contains.

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Color

Hex(3A2448)

Conversions

Conversions Part 1

Format	Color
Hex	3A2448
RGB	58, 36, 72
RGB Percent	23%, 14%, 28%
CMY	0.7725, 0.8588, 0.7176
CMYK	0.19, 0.50, 0.00, 0.72
HSL	277°, 33%, 21%
HSV	277°, 50%, 28%
XYZ	3.5455, 2.6292, 6.4515
YIQ	46.6820, 1.5560, 15.8600

Conversions

Conversions Part 2

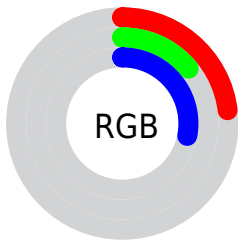
Format	Color
R_{YB}	58, 36, 72
Decimal	3810376
CIE _{Lab}	18.49, 18.39, -18.50
CIE _{LCh}	18, 26.083, 314.825
Yxy	2.6292, 0.2808, 0.2082
Android (android.graphics.Color)	4282000456 (0xFF3A2448)
YUV	46.6820, 12.4818, 9.9259
Hunter-Lab	16.2147, 10.6549, -12.2400

Details

The Hex color **3A2448** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **324824**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6A5179**, and **0C001D** is the 20% darker color. If you saturate the color by 10%, you get **371D48**, and if you desaturate by 10%, it is **3D2B48**.

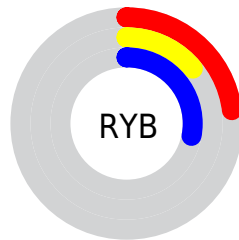
Distribution



Red (23%)

Green (14%)

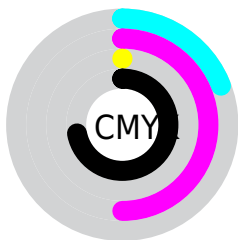
Blue (28%)



Red (23%)

Yellow (14%)

Blue (28%)

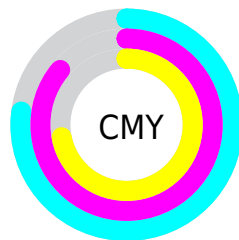


Cyan (19%)

Magenta (50%)

Yellow (0%)

Black (72%)



Cyan (77%)

Magenta (86%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2448 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 3A2448 by changing the saturation by 10% instead.



3A2448



3A2448

FFFFFF



240F31



6A5179



0C001D



846A93



000000



9E83AD



B99DC9



D5B8E5



F1D4FF



FFF0FF



3A2448



3A2448

■ 371D48

■ 3D2B48

■ 341648

■ 403248

■ 320E48

■ 423A48

■ 2F0748

■ 454148

■ 2C0048

■ 484848

■ 4B4F48

■ 4E5648

■ 505E48

■ 536548

Harmonies

Analogous

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



1B2C52



3A2448



4A1D37

Triad

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



3A2448



3F2904



003636

Complementary

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



3A2448



324824

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.



003623



3A2448



2E2F03

Square

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



3A2448



4B2113



183311



003547

Rectangle

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



3A2448



4F1B2B



183311



003630

Sweetspot

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



3A2448



59505E



243248



2D2830



B0B0B0



303030

Same Dimension

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



3A2448



48265E



482444



222024



3D0063



8B00E3

Inverse Universe

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



482432



5E263C



244828



242022



630027



E30058

Previews

White Background



This preview shows how the Hex color 3A2448 looks on a white background.

Color Contrast Check

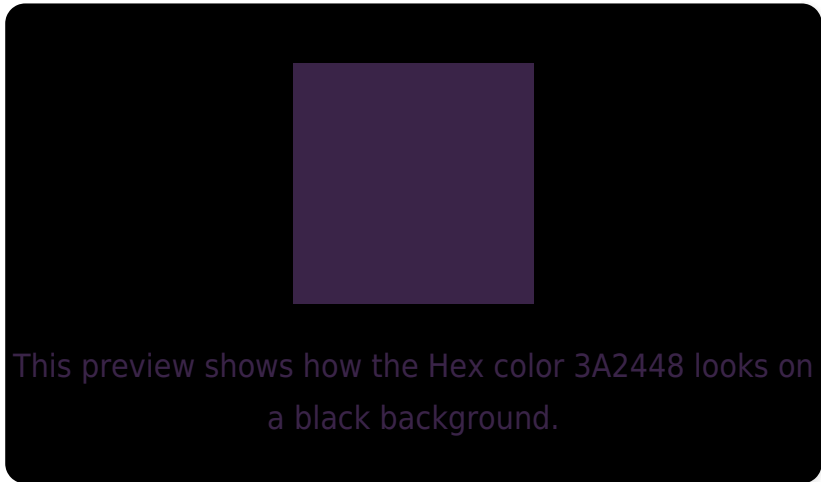
Large Text (above 18pt) WCAG AA ✓ Pass

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

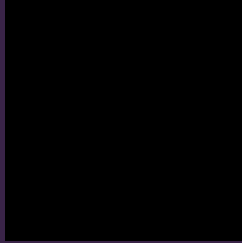
Any Text WCAG AA × Fail

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 3A2448 Background



This preview shows how black text looks on a background with the Hex color 3A2448.



This preview shows how white text looks on a background with the Hex color 3A2448.

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
3A2448

Protanopia
1D2C50

Deuteranopia
212D46



Tritanopia
362A2E

Trichromacy



Original Color
3A2448

Protanomaly
28294D

Deuteranomaly
2A2A47

Tritanomaly
372837

Monochromacy



Original Color
3A2448

Achromatopsia
2F2F2F

Achromatomaly
332B38

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2448 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 #3A2448 looks like.

```
.text, #text, p{  
    color:#3A2448  
}
```

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 #3A2448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2448
}
```

Border

The CSS property to change the border of an element to Hex 3A2448 is called "border". The border property can be set on classes, ids or directly on the HTML element.

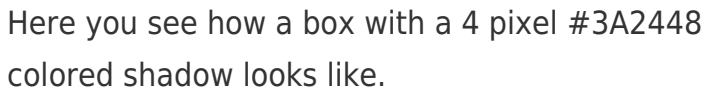
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A2448 }
```

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

```
.border{ border-color:#3A2448 }
```

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



Here you see how a box with a 4 pixel #3A2448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2448; -webkit-box-shadow:4px 4px  
4px 4px #3A2448; box-shadow:4px 4px 4px  
4px #3A2448 }
```

Background

The CSS property to change the background color of an element to Hex 3A2448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2448 }
```

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

```
.background{ background-color:#3A2448 }
```

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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