

Converting Colors

Hex(3A2C4E)

Have a look what the booklet for
Hex(3A2C4E) contains.

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Color

Hex(3A2C4E)

Conversions

Conversions Part 1

Format	Color
Hex	3A2C4E
RGB	58, 44, 78
RGB Percent	23%, 17%, 31%
CMY	0.7725, 0.8275, 0.6941
CMYK	0.26, 0.44, 0.00, 0.69
HSL	265°, 28%, 24%
HSV	265°, 44%, 31%
XYZ	4.0208, 3.2510, 7.6233
YIQ	52.0620, -2.5700, 13.5420

Conversions

Conversions Part 2

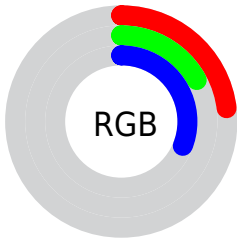
Format	Color
R _Y B	58, 44, 78
Decimal	3812430
CIE Lab	21.02, 14.64, -18.60
CIE LCh	21, 23.670, 308.206
Yxy	3.2510, 0.2699, 0.2183
Android (android.graphics.Color)	4282002510 (0xFF3A2C4E)
YUV	52.0620, 12.7874, 5.2076
Hunter-Lab	18.0304, 8.2519, -12.4467

Details

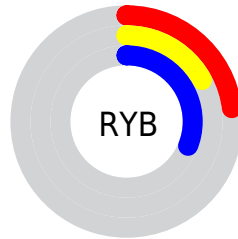
The Hex color **3A2C4E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **404E2C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6A5A7F**, and **120022** is the 20% darker color. If you saturate the color by 10%, you get **35244E**, and if you desaturate by 10%, it is **3F344E**.

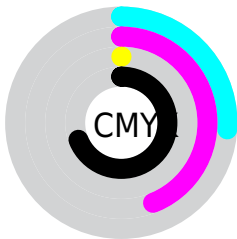
Distribution



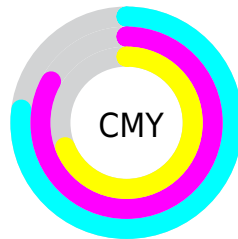
- Red (23%)
- Green (17%)
- Blue (31%)



- Red (23%)
- Yellow (17%)
- Blue (31%)



- Cyan (26%)
- Magenta (44%)
- Yellow (0%)
- Black (69%)



- Cyan (77%)
- Magenta (83%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2C4E 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 3A2C4E by changing the saturation by 10% instead.



3A2C4E



3A2C4E

FFFFFF



241737



6A5A7F



120022



837299



000008



9E8CB4



000000



B9A6D0



D5C2EC



F1DDFF



FFFAFF



3A2C4E



3A2C4E

■ 35244E

■ 3F344E

■ 311C4E

■ 433C4E

■ 2C154E

■ 48434E

■ 280D4E

■ 4C4B4E

■ 23054E

■ 51534E

■ 20004E

■ 565B4E

■ 5A634E

■ 5F6A4E

■ 63724E

Harmonies

Analogous

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



1C3355



3A2C4E



4C2640

Triad

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



3A2C4E



472D12



003B37

Complementary

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



3A2C4E



404E2C

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.



0A3A25



3A2C4E



38330E

Square

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



3A2C4E



51271E



253816



003B48

Rectangle

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



3A2C4E



522334



253816



003B31

Sweetspot

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



3A2C4E



5E5966



2C404E



2E2B33



B3B3B3



333333

Same Dimension

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



3A2C4E



473166



4B2C4E



242226



2A0066



5F00E6

Inverse Universe

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



4E2C40



663150



2F4E2C



262225



66003C



E60087

Previews

White Background



This preview shows how the Hex color 3A2C4E looks on a white background.

Color Contrast Check

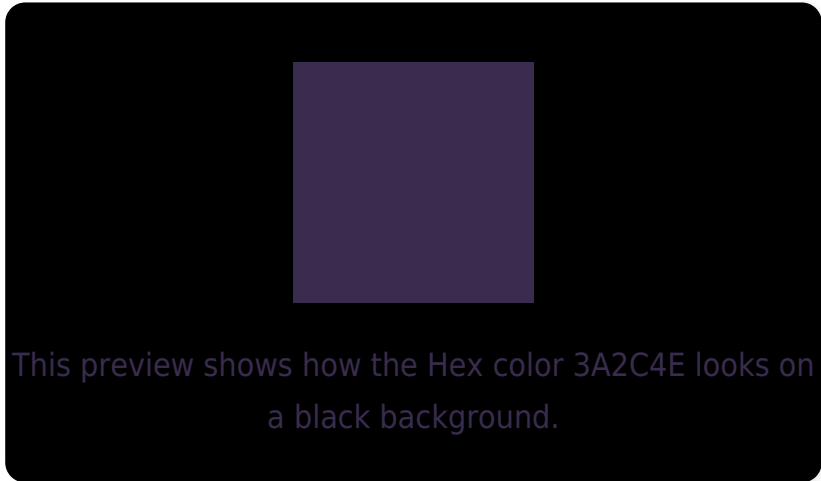
Large Text (above 18pt) WCAG AA ✓ Pass

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

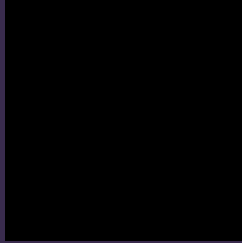
Any Text WCAG AA × Fail

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 3A2C4E Background



This preview shows how black text looks on a background with the Hex color 3A2C4E.



This preview shows how white text looks on a background with the Hex color 3A2C4E.

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
3A2C4E

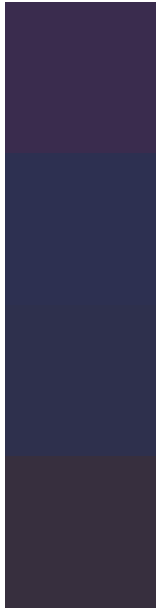
Protanopia
253253

Deuteranopia
27334D



Tritanopia
363135

Trichromacy



Original Color
3A2C4E

Protanomaly
2D3051

Deuteranomaly
2E304D

Tritanomaly
372F3E

Monochromacy



Original Color
3A2C4E

Achromatopsia
343434

Achromatomaly
36313D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2C4E 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 #3A2C4E looks like.

```
.text, #text, p{  
    color:#3A2C4E  
}
```

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 #3A2C4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2C4E
}
```

Border

The CSS property to change the border of an element to Hex 3A2C4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

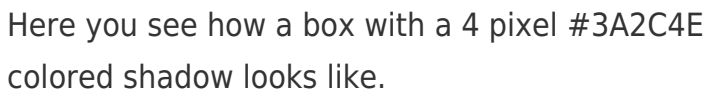
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A2C4E }
```

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

```
.border{ border-color:#3A2C4E }
```

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



Here you see how a box with a 4 pixel #3A2C4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2C4E; -webkit-box-shadow:4px 4px  
4px 4px #3A2C4E; box-shadow:4px 4px 4px  
4px #3A2C4E }
```

Background

The CSS property to change the background color of an element to Hex 3A2C4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2C4E }
```

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

```
.background{ background-color:#3A2C4E }
```

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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