

Converting Colors

Hex(3A2A4D)

Have a look what the booklet for
Hex(3A2A4D) contains.

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Color

Hex(3A2A4D)

Conversions

Conversions Part 1

Format	Color
Hex	3A2A4D
RGB	58, 42, 77
RGB Percent	23%, 16%, 30%
CMY	0.7725, 0.8353, 0.6980
CMYK	0.25, 0.45, 0.00, 0.70
HSL	267°, 29%, 23%
HSV	267°, 45%, 30%
XYZ	3.9124, 3.0913, 7.4116
YIQ	50.7740, -1.6990, 14.2770

Conversions

Conversions Part 2

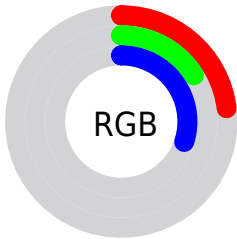
Format	Color
R_{YB}	58, 42, 77
Decimal	3811917
CIE _{Lab}	20.41, 15.72, -18.89
CIE _{LCh}	20, 24.576, 309.759
Yxy	3.0913, 0.2714, 0.2144
Android (android.graphics.Color)	4282001997 (0xFF3A2A4D)
YUV	50.7740, 12.9294, 6.3372
Hunter-Lab	17.5821, 8.9520, -12.6860

Details

The Hex color **3A2A4D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **3D4D2A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6A587E**, and **120021** is the 20% darker color. If you saturate the color by 10%, you get **36224D**, and if you desaturate by 10%, it is **3E324D**.

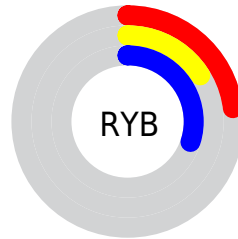
Distribution



Red (23%)

Green (16%)

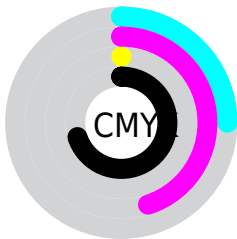
Blue (30%)



Red (23%)

Yellow (16%)

Blue (30%)

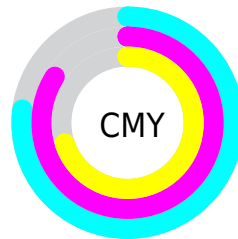


Cyan (25%)

Magenta (45%)

Yellow (0%)

Black (70%)



Cyan (77%)

Magenta (84%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2A4D 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 3A2A4D by changing the saturation by 10% instead.

■ 3A2A4D

■ 3A2A4D

FFFFFF

■ 241536

■ 6A587E

■ 120021

■ 847098

■ 000006

■ 9E8AB3

■ 000000

■ B9A4CF

■ D5BFEB

■ F1DBFF

■ FFF8FF

■ 3A2A4D

■ 3A2A4D

■ 36224D

■ 3E324D

■ 321B4D

■ 42394D

■ 2D134D

■ 47414D

■ 290B4D

■ 4B494D

■ 25034D

■ 4F514D

■ 23004D

■ 53584D

■ 57604D

■ 5B684D

■ 606F4D

Harmonies

Analogous

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



1B3155



3A2A4D



4C233E

Triad

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



3A2A4D



452C0E



003A37

Complementary

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



3A2A4D



3D4D2A

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.



023924



3A2A4D



36320B

Square

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



3A2A4D



50251B



223714



003948

Rectangle

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



3A2A4D



512132



223714



003A30

Sweetspot

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



3A2A4D



5C5663



2A3D4D



2E2A33



B3B3B3



333333

Same Dimension

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



3A2A4D



462D63



4B2A4D



242226



2F0066



6900E6

Inverse Universe

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



4D2A3D



632D4A



2C4D2A



262225



660037



E6007D

Previews

White Background



This preview shows how the Hex color 3A2A4D looks on a white background.

Color Contrast Check

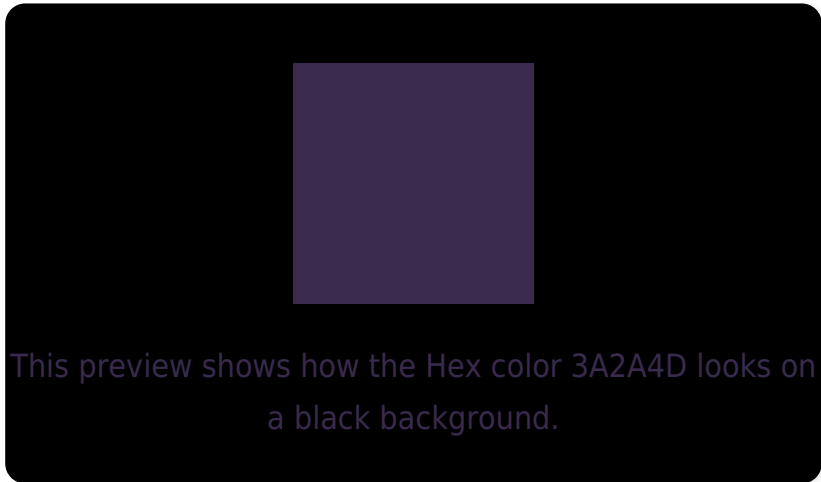
Large Text (above 18pt) WCAG AA ✓ Pass

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

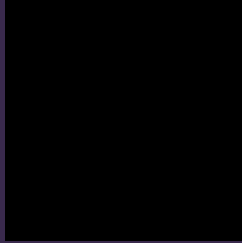
Any Text WCAG AA × Fail

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 3A2A4D Background



This preview shows how black text looks on a background with the Hex color 3A2A4D.



This preview shows how white text looks on a background with the Hex color 3A2A4D.

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
3A2A4D

Protanopia
233053

Deuteranopia
25314C



Tritanopia
353034

Trichromacy



Original Color
3A2A4D

Protanomaly
2B2E51

Deuteranomaly
2D2E4C

Tritanomaly
372E3D

Monochromacy



Original Color
3A2A4D

Achromatopsia
333333

Achromatomaly
36303C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2A4D 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 #3A2A4D looks like.

```
.text, #text, p{  
    color:#3A2A4D  
}
```

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 #3A2A4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2A4D
}
```

Border

The CSS property to change the border of an element to Hex 3A2A4D 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".

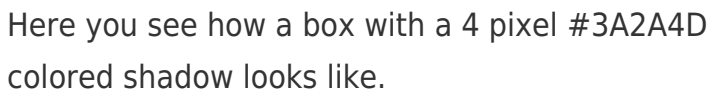
```
.border, #border, table{ border:4px solid
#3A2A4D }
```

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

```
.border{ border-color:#3A2A4D }
```

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

Here you see how a box with a 4 pixel #3A2A4D colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border. Below the box, there is a thick dark blue shadow that is wider on the right side, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2A4D; -webkit-box-shadow:4px 4px  
4px 4px #3A2A4D; box-shadow:4px 4px 4px  
4px #3A2A4D }
```

Background

The CSS property to change the background color of an element to Hex 3A2A4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2A4D }
```

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

```
.background{ background-color:#3A2A4D }
```

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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