

Converting Colors

Hex(3A2C37)

Have a look what the booklet for
Hex(3A2C37) contains.

Hex(3A2C37)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3A2C37)

Conversions

Conversions Part 1

Format	Color
Hex	3A2C37
RGB	58, 44, 55
RGB Percent	23%, 17%, 22%
CMY	0.7725, 0.8275, 0.7843
CMYK	0.00, 0.24, 0.05, 0.77
HSL	313°, 14%, 20%
HSV	313°, 24%, 23%
XYZ	3.3352, 2.9767, 4.0132
YIQ	49.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

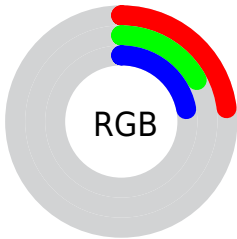
Format	Color
R_{YB}	58, 44, 55
Decimal	3812407
CIE Lab	19.95, 8.73, -4.58
CIE LCh	20, 9.860, 332.352
Yxy	2.9767, 0.3230, 0.2883
Android (android.graphics.Color)	4282002487 (0xFF3A2C37)
YUV	49.4400, 2.7411, 7.5071
Hunter-Lab	17.2532, 4.3124, -1.7140

Details

The Hex color **3A2C37** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C3A2F**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **695A66**, and **10000B** is the 20% darker color. If you saturate the color by 10%, you get **3A2636**, and if you desaturate by 10%, it is **3A3238**.

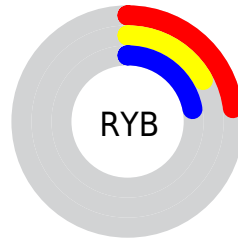
Distribution



Red (23%)

Green (17%)

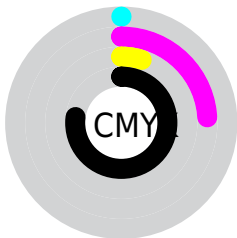
Blue (22%)



Red (23%)

Yellow (17%)

Blue (22%)

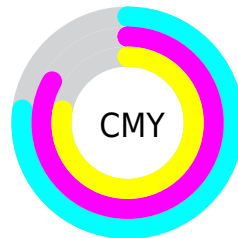


Cyan (0%)

Magenta (24%)

Yellow (5%)

Black (77%)



Cyan (77%)

Magenta (83%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2C37 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 3A2C37 by changing the saturation by 10% instead.

■ 3A2C37

■ 3A2C37

FFFFFF

■ 241722

■ 695A66

■ 10000B

■ 82727F

■ 000000

■ 9D8C99

■ B8A6B3

■ D3C1CF

■ F0DDEB

■ FFFAFF

■ 3A2C37

■ 3A2C37

■ 3A2636

■ 3A3238

■ 3A2035

■ 3A3839

■ 3A1B33

■ 3A3D3B

■ 3A1532

■ 3A433C

■ 3A0F31

■ 3A493D

■ 3A0930

■ 3A4F3E

■ 3A032E

■ 3A5540

■ 3A002E

■ 3A5A41

■ 3A6042

Harmonies

Analogous

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



322E3C



3A2C37



3E2B30

Triad

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



3A2C37



353022



1B3438

Complementary

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



3A2C37



2C3A2F

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.



1E3431



3A2C37



2D3224

Square

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



3A2C37



3B2D24



253429



1F333D

Rectangle

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



3A2C37



3F2B2B



253429



1C3435

Sweetspot

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



3A2C37



4D474B



2F2C3A



262326



A6A6A6



262626

Same Dimension

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



3A2C37



4D3648



3A2C30



1C191B



5C0048



DB00AC

Inverse Universe

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



3A2C37



4D3648



2C3A36



1C191B



5C0048



DB00AC

Previews

White Background



This preview shows how the Hex color 3A2C37 looks on a white background.

Color Contrast Check

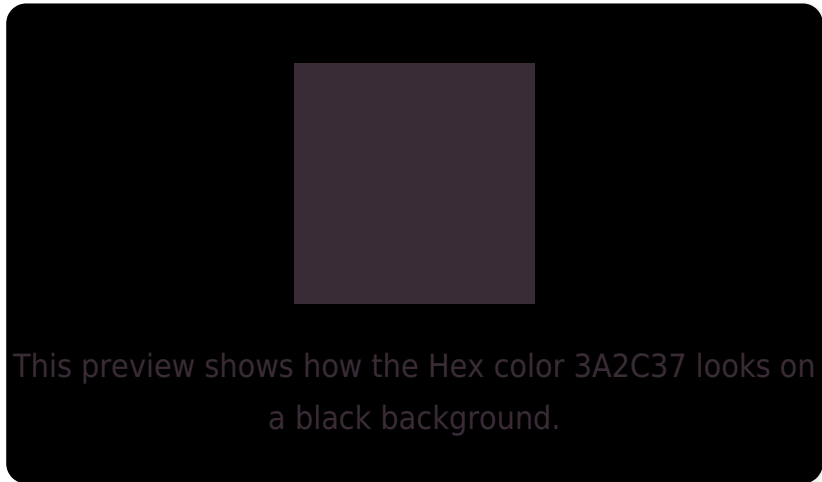
Large Text (above 18pt) WCAG AA ✓ Pass

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

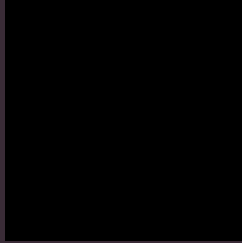
Any Text WCAG AA × Fail

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 3A2C37 Background



This preview shows how black text looks on a background with the Hex color 3A2C37.



This preview shows how white text looks on a background with the Hex color 3A2C37.

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
3A2C37

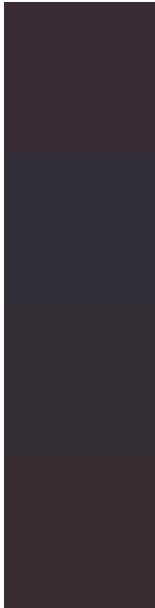
Protanopia
2E303A

Deuteranopia
322F36



Tritanopia
392D31

Trichromacy



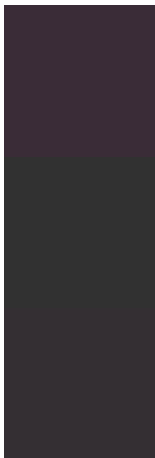
Original Color
3A2C37

Protanomaly
322F39

Deuteranomaly
352E36

Tritanomaly
392D33

Monochromacy



Original Color
3A2C37

Achromatopsia
313131

Achromatomaly
342F33

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2C37 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 #3A2C37 looks like.

```
.text, #text, p{  
    color:#3A2C37  
}
```

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 #3A2C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2C37
}
```

Border

The CSS property to change the border of an element to Hex 3A2C37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

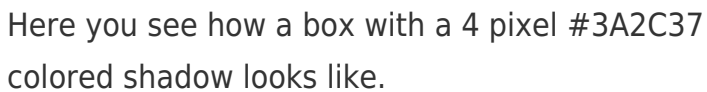
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A2C37 }
```

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

```
.border{ border-color:#3A2C37 }
```

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



Here you see how a box with a 4 pixel #3A2C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2C37; -webkit-box-shadow:4px 4px  
4px 4px #3A2C37; box-shadow:4px 4px 4px  
4px #3A2C37 }
```

Background

The CSS property to change the background color of an element to Hex 3A2C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2C37 }
```

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

```
.background{ background-color:#3A2C37 }
```

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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