

Converting Colors

Hex(3A3C2B)

Have a look what the booklet for
Hex(3A3C2B) contains.

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Color

Hex(3A3C2B)

Conversions

Conversions Part 1

Format	Color
Hex	3A3C2B
RGB	58, 60, 43
RGB Percent	23%, 24%, 17%
CMY	0.7725, 0.7647, 0.8314
CMYK	0.03, 0.00, 0.28, 0.76
HSL	67°, 17%, 20%
HSV	67°, 28%, 24%
XYZ	3.7968, 4.3057, 2.9165
YIQ	57.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

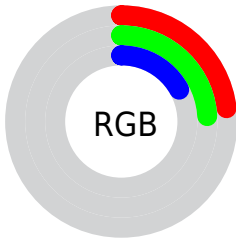
Format	Color
RYB	43, 60, 45
Decimal	3816491
CIELab	24.66, -4.33, 10.26
CIElCh	25, 11.133, 112.862
Yxy	4.3057, 0.3446, 0.3908
Android (android.graphics.Color)	4282006571 (0xFF3A3C2B)
YUV	57.4640, -7.1308, 0.4701
Hunter-Lab	20.7501, -3.6511, 6.1918

Details

The Hex color **3A3C2B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D2B3C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **696B59**, and **0E1200** is the 20% darker color. If you saturate the color by 10%, you get **393C25**, and if you desaturate by 10%, it is **3B3C31**.

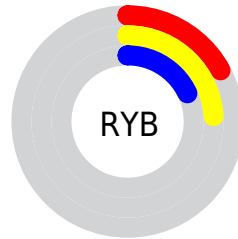
Distribution



Red (23%)

Green (24%)

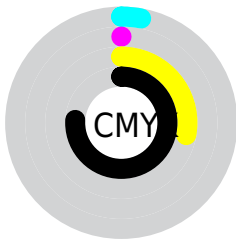
Blue (17%)



Red (17%)

Yellow (24%)

Blue (18%)

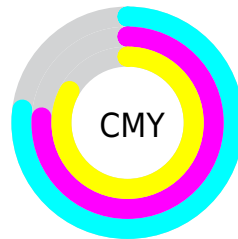


Cyan (3%)

Magenta (0%)

Yellow (28%)

Black (76%)



Cyan (77%)

Magenta (76%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A3C2B 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 3A3C2B by changing the saturation by 10% instead.

■ 3A3C2B

■ 3A3C2B

FFFFFF

■ 242616

■ 696B59

■ 0E1200

■ 838471

■ 000000

■ 9D9F8A

■ B8B9A5

■ D3D5C0

■ F0F1DC

■ FFFFF8

■ 3A3C2B

■ 3A3C2B

■ 393C25

■ 3B3C31

■ 393C1F

■ 3B3C37

■ 383C19

■ 3C3C3D

■ 373C13

■ 3D3C43

■ 363C0D

■ 3E3C49

■ 363C07

■ 3E3C4F

■ 353C01

■ 3F3C55

■ 353C00

■ 403C5B

■ 403C61

Harmonies

Analogous

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



43392A



3A3C2B



303E30

Triad

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



3A3C2B



253E48



4A353D

Complementary

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



3A3C2B



2D2B3C

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.



433645



3A3C2B



2E3C4B

Square

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



3A3C2B



233F41



39394A



4C3534

Rectangle

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



3A3C2B



2A3F35



39394A



483540

Sweetspot

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



3A3C2B



4E4F48



3C2D2B



282924



A8A8A8



292929

Same Dimension

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



3A3C2B



4C4F34



323C2B



1E1F1C



535E00



C4DE00

Inverse Universe

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



2D2B3C



37344F



352B3C



1C1C1F



0B005E



1A00DE

Previews

White Background



This preview shows how the Hex color 3A3C2B looks on a white background.

Color Contrast Check

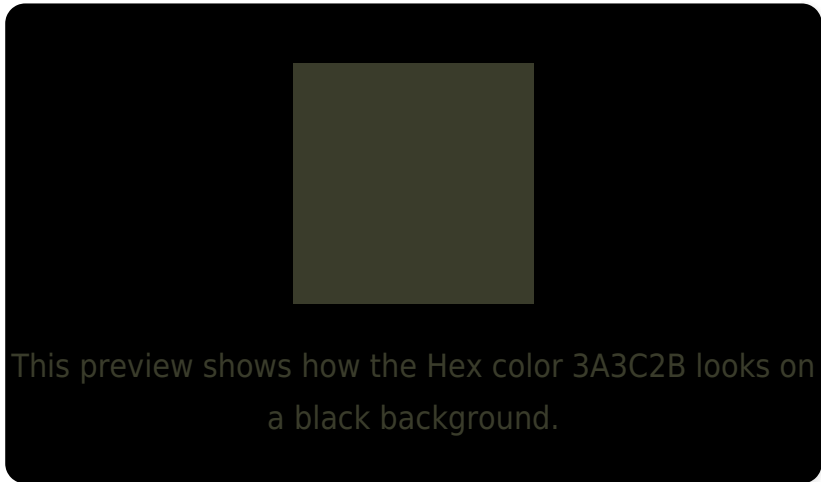
Large Text (above 18pt) WCAG AA ✓ Pass

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

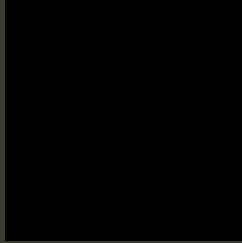
Any Text WCAG AA × Fail

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 3A3C2B Background



This preview shows how black text looks on a background with the Hex color 3A3C2B.

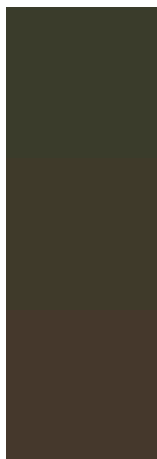


This preview shows how white text looks on a background with the Hex color 3A3C2B.

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

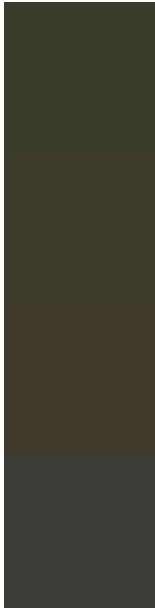


Original Color
3A3C2B

Protanopia
3F3A2A

Deuteranopia
45382C

Trichromacy



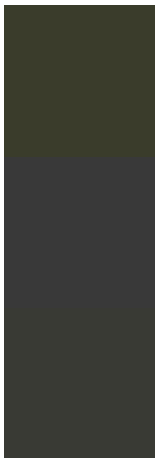
Original Color
3A3C2B

Protanomaly
3D3B2A

Deuteranomaly
41392C

Tritanomaly
3B3B37

Monochromacy



Original Color
3A3C2B

Achromatopsia
393939

Achromatomaly
393A34

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A3C2B 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 #3A3C2B looks like.

```
.text, #text, p{  
    color:#3A3C2B  
}
```

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 #3A3C2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3C2B
}
```

Border

The CSS property to change the border of an element to Hex 3A3C2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

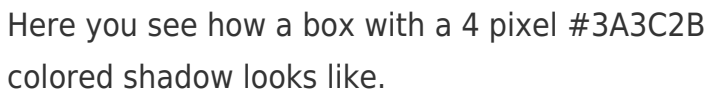
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3C2B }
```

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

```
.border{ border-color:#3A3C2B }
```

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



Here you see how a box with a 4 pixel #3A3C2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3C2B; -webkit-box-shadow:4px 4px  
4px 4px #3A3C2B; box-shadow:4px 4px 4px  
4px #3A3C2B }
```

Background

The CSS property to change the background color of an element to Hex 3A3C2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3C2B }
```

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

```
.background{ background-color:#3A3C2B }
```

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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