

Converting Colors

Hex(3A2730)

Have a look what the booklet for
Hex(3A2730) contains.

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Color

Hex(3A2730)

Conversions

Conversions Part 1

Format	Color
Hex	3A2730
RGB	58, 39, 48
RGB Percent	23%, 15%, 19%
CMY	0.7725, 0.8471, 0.8118
CMYK	0.00, 0.33, 0.17, 0.77
HSL	332°, 20%, 19%
HSV	332°, 33%, 23%
XYZ	3.0039, 2.5640, 3.1329
YIQ	45.7070, 8.4350, 6.8270

Conversions

Conversions Part 2

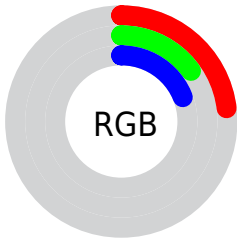
Format	Color
R_{YB}	58, 39, 48
Decimal	3811120
CIE _{Lab}	18.21, 10.65, -2.31
CIE _{LCh}	18, 10.894, 347.756
Yxy	2.5640, 0.3452, 0.2947
Android (android.graphics.Color)	4282001200 (0xFF3A2730)
YUV	45.7070, 1.1304, 10.7810
Hunter-Lab	16.0124, 5.4650, -0.3916

Details

The Hex color **3A2730** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **273A31**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **6A545E**, and **080000** is the 20% darker color. If you saturate the color by 10%, you get **3A212D**, and if you desaturate by 10%, it is **3A2D33**.

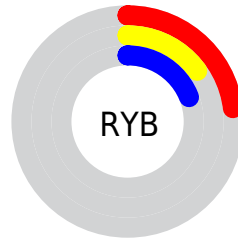
Distribution



Red (23%)

Green (15%)

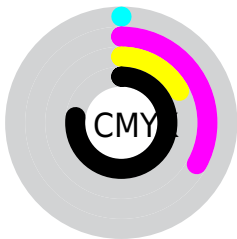
Blue (19%)



Red (23%)

Yellow (15%)

Blue (19%)

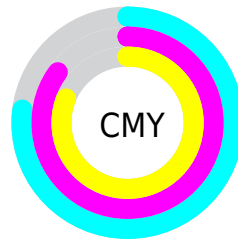


Cyan (0%)

Magenta (33%)

Yellow (17%)

Black (77%)



Cyan (77%)

Magenta (85%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A2730 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 3A2730 by changing the saturation by 10% instead.

■ 3A2730

■ 3A2730

FFFFFF

■ 24131B

■ 6A545E

■ 080000

■ 836C77

■ 000000

■ 9D8690

■ B8A0AB

■ D4BBC6

■ F0D7E2

■ FFF3FF

■ 3A2730

■ 3A2730

■ 3A212D

■ 3A2D33

■ 3A1B2A

■ 3A3336

■ 3A1627

■ 3A3839

■ 3A1024

■ 3A3E3C

■ 3A0A21

■ 3A443F

■ 3A041E

■ 3A4A42

■ 3A001B

■ 3A5045

■ 3A5548

■ 3A5B4B

Harmonies

Analogous

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



332937



3A2730



3C2728

Triad

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



3A2730



2D2D1D



163038

Complementary

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



3A2730



273A31

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.



153131



3A2730



242F22

Square

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



3A2730



352B1D



1C3129



1E2E3C

Rectangle

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



3A2730



3C2823



1C3129



153036

Sweetspot

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



3A2730



4D4548



31273A



262224



A6A6A6



262626

Same Dimension

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



3A2730



4D2F3D



3A2727



1C191B



5C002B



DB0068

Inverse Universe

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



3A2730



4D2F3D



273A3A



1C191B



5C002B



DB0068

Previews

White Background



This preview shows how the Hex color 3A2730 looks on a white background.

Color Contrast Check

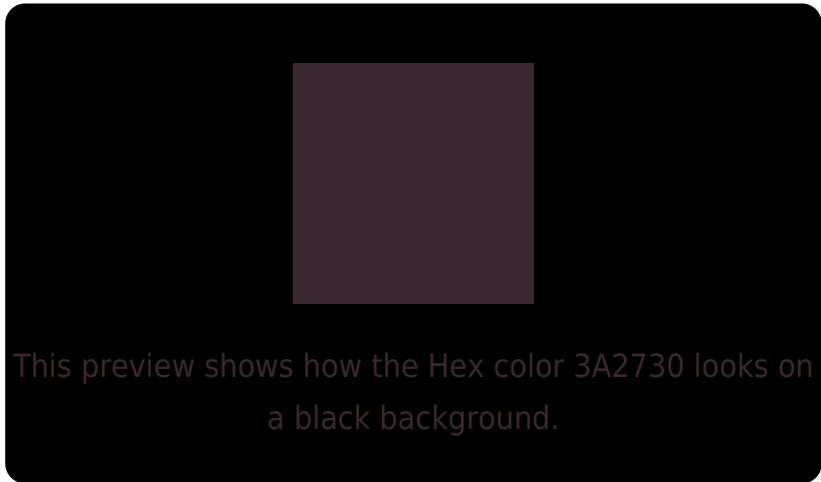
Large Text (above 18pt) WCAG AA ✓ Pass

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

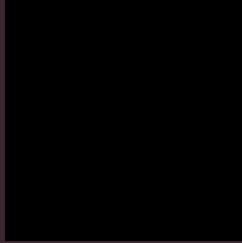
Any Text WCAG AA × Fail

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 3A2730 Background



This preview shows how black text looks on a background with the Hex color 3A2730.



This preview shows how white text looks on a background with the Hex color 3A2730.

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

3A2730

Protanopia

2B2C33

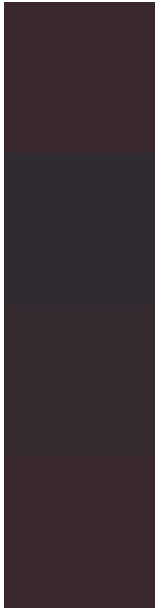
Deuteranopia

302B2F



Tritanopia
39282B

Trichromacy



Original Color

3A2730

Protanomaly

302A32

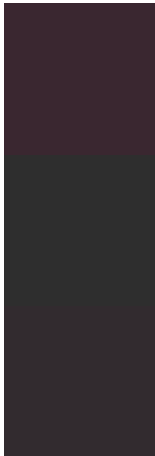
Deuteranomaly

342A2F

Tritanomaly

39282D

Monochromacy



Original Color

3A2730

Achromatopsia

2E2E2E

Achromatomaly

322B2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A2730 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 #3A2730 looks like.

```
.text, #text, p{  
    color:#3A2730  
}
```

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 #3A2730 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A2730
}
```

Border

The CSS property to change the border of an element to Hex 3A2730 is called "border". The border property can be set on classes, ids or directly on the HTML element.

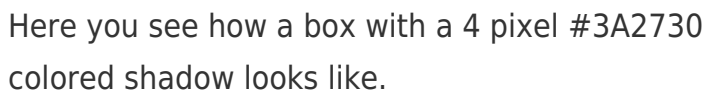
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A2730 }
```

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

```
.border{ border-color:#3A2730 }
```

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



Here you see how a box with a 4 pixel #3A2730 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A2730; -webkit-box-shadow:4px 4px  
4px 4px #3A2730; box-shadow:4px 4px 4px  
4px #3A2730 }
```

Background

The CSS property to change the background color of an element to Hex 3A2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A2730 }
```

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

```
.background{ background-color:#3A2730 }
```

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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