

Converting Colors

Hex(3A232E)

Have a look what the booklet for
Hex(3A232E) contains.

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Color

Hex(3A232E)

Conversions

Conversions Part 1

Format	Color
Hex	3A232E
RGB	58, 35, 46
RGB Percent	23%, 14%, 18%
CMY	0.7725, 0.8627, 0.8196
CMYK	0.00, 0.40, 0.21, 0.77
HSL	331°, 25%, 18%
HSV	331°, 40%, 23%
XYZ	2.8391, 2.2989, 2.8789
YIQ	43.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

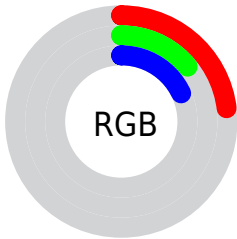
Format	Color
R_{YB}	58, 35, 46
Decimal	3810094
CIE Lab	16.98, 12.97, -2.71
CIE LCh	17, 13.249, 348.178
Yxy	2.2989, 0.3541, 0.2868
Android (android.graphics.Color)	4282000174 (0xFF3A232E)
YUV	43.1310, 1.4144, 13.0401
Hunter-Lab	15.1620, 6.8908, -0.6442

Details

The Hex color **3A232E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **233A2F**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **6A505C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3A1D2B**, and if you desaturate by 10%, it is **3A2931**.

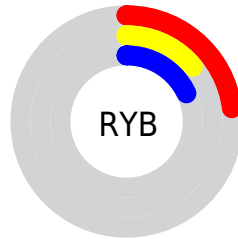
Distribution



Red (23%)

Green (14%)

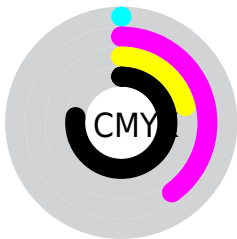
Blue (18%)



Red (23%)

Yellow (14%)

Blue (18%)

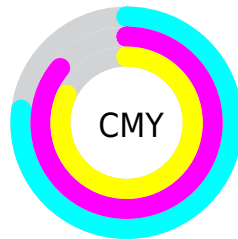


Cyan (0%)

Magenta (40%)

Yellow (21%)

Black (77%)



Cyan (77%)

Magenta (86%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A232E 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 3A232E by changing the saturation by 10% instead.

■ 3A232E

■ 3A232E

FFFFFF

■ 240E19

■ 6A505C

■ 000000

■ 836874

■ 9D818E

■ B89BA8

■ D4B6C3

■ F1D2DF

■ FFE EFC

■ 3A232E

■ 3A232E

■ 3A1D2B

■ 3A2931

■ 3A1728

■ 3A2F34

■ 3A1225

■ 3A3437

■ 3A0C22

■ 3A3A3A

■ 3A061F

■ 3A403D

■ 3A001C

■ 3A4640

■ 3A4C43

■ 3A5146

■ 3A5749

Harmonies

Analogous

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



322537



3A232E



3D2324

Triad

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



3A232E



2A2B18



0A2E38

Complementary

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



3A232E



233A2F

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.



092F2F



3A232E



202D1D

Square

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



3A232E



342817



142F26



172C3C

Rectangle

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



3A232E



3B241F



142F26



082E35

Sweetspot

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



3A232E



4D4348



2F233A



262123



A6A6A6



262626

Same Dimension

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



3A232E



4D2839



3A2323



1C191B



5C002C



DB0069

Inverse Universe

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



3A232E



4D2839



233A3A



1C191B



5C002C



DB0069

Previews

White Background



This preview shows how the Hex color 3A232E looks on a white background.

Color Contrast Check

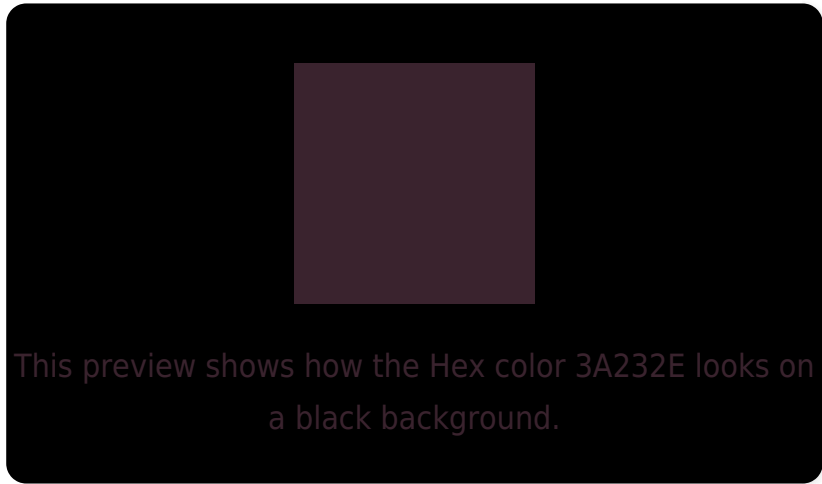
Large Text (above 18pt) WCAG AA ✓ Pass

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

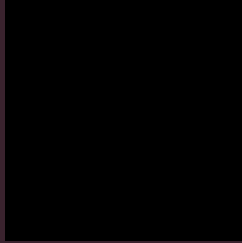
Any Text WCAG AA × Fail

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 3A232E Background



This preview shows how black text looks on a background with the Hex color 3A232E.



This preview shows how white text looks on a background with the Hex color 3A232E.

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
3A232E

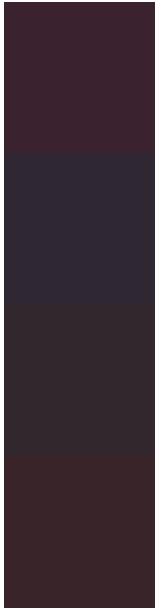
Protanopia
282A32

Deuteranopia
2D292D



Tritanopia
392427

Trichromacy



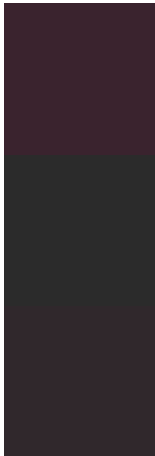
Original Color
3A232E

Protanomaly
2F2731

Deuteranomaly
32272D

Tritanomaly
39242A

Monochromacy



Original Color
3A232E

Achromatopsia
2B2B2B

Achromatomaly
30282C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A232E 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 #3A232E looks like.

```
.text, #text, p{  
    color:#3A232E  
}
```

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 #3A232E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A232E
}
```

Border

The CSS property to change the border of an element to Hex 3A232E is called "border". The border property can be set on classes, ids or directly on the HTML element.

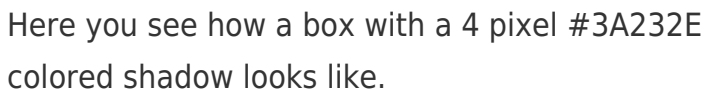
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A232E }
```

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

```
.border{ border-color:#3A232E }
```

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



Here you see how a box with a 4 pixel #3A232E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A232E; -webkit-box-shadow:4px 4px  
4px 4px #3A232E; box-shadow:4px 4px 4px  
4px #3A232E }
```

Background

The CSS property to change the background color of an element to Hex 3A232E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A232E }
```

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

```
.background{ background-color:#3A232E }
```

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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