

Converting Colors

Hex(312E3A)

Have a look what the booklet for
Hex(312E3A) contains.

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Color

Hex(312E3A)

Conversions

Conversions Part 1

Format	Color
Hex	312E3A
RGB	49, 46, 58
RGB Percent	19%, 18%, 23%
CMY	0.8078, 0.8196, 0.7725
CMYK	0.16, 0.21, 0.00, 0.77
HSL	255°, 12%, 20%
HSV	255°, 21%, 23%
XYZ	3.0073, 2.9124, 4.4066
YIQ	48.2650, -2.0640, 4.3680

Conversions

Conversions Part 2

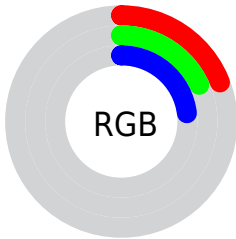
Format	Color
RYB	49, 46, 58
Decimal	3223098
CIELab	19.69, 4.31, -7.13
CIElCh	20, 8.333, 301.133
Yxy	2.9124, 0.2912, 0.2820
Android (android.graphics.Color)	4281413178 (0xFF312E3A)
YUV	48.2650, 4.7994, 0.6446
Hunter-Lab	17.0659, 1.5898, -3.3633

Details

The Hex color **312E3A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **373A2E**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **5F5C69**, and **00000F** is the 20% darker color. If you saturate the color by 10%, you get **2D283A**, and if you desaturate by 10%, it is **35343A**.

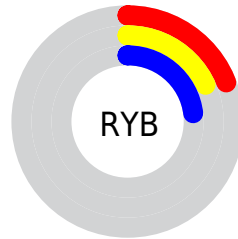
Distribution



Red (19%)

Green (18%)

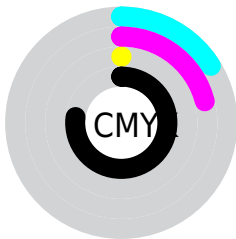
Blue (23%)



Red (19%)

Yellow (18%)

Blue (23%)

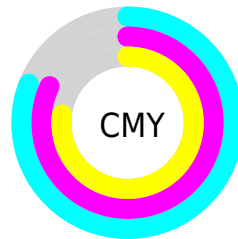


Cyan (16%)

Magenta (21%)

Yellow (0%)

Black (77%)



Cyan (81%)

Magenta (82%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 312E3A 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 312E3A by changing the saturation by 10% instead.



312E3A



312E3A

FFFFFF



1C1924



5F5C69



00000F



787482



000000



928E9C



ACA8B7



C8C3D3



E4DFEF



FFFCFF



312E3A



312E3A

■ 2D283A

■ 35343A

■ 28223A

■ 3A3A3A

■ 241D3A

■ 3E3F3A

■ 20173A

■ 42453A

■ 1B113A

■ 474B3A

■ 170B3A

■ 4B513A

■ 13053A

■ 4F573A

■ 0F003A

■ 545C3A

■ 58623A

Harmonies

Analogous

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



29303C



312E3A



382C36

Triad

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



312E3A



392D25



213330

Complementary

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



312E3A



373A2E

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.



27332A



312E3A



342F24

Square

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



312E3A



3C2C2A



2D3125



1F3336

Rectangle

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



312E3A



3B2C32



2D3125



23332E

Sweetspot

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



312E3A



49484D



2E373A



242426



A6A6A6



262626

Same Dimension

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



312E3A



3E394D



372E3A



1A191C



17005C



3700DB

Inverse Universe

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



3A2E37



4D3948



313A2E



1C191B



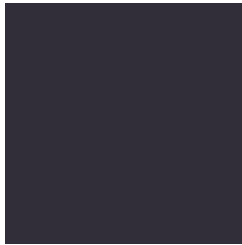
5C0045



DB00A4

Previews

White Background



This preview shows how the Hex color 312E3A looks on a white background.

Color Contrast Check

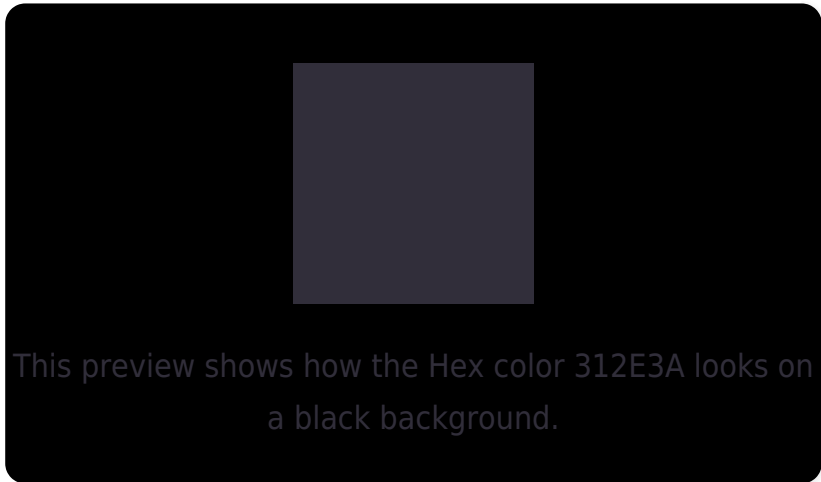
Large Text (above 18pt) WCAG AA ✓ Pass

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

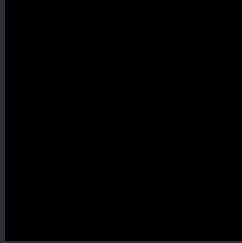
Any Text WCAG AA × Fail

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 312E3A Background



This preview shows how black text looks on a background with the Hex color 312E3A.

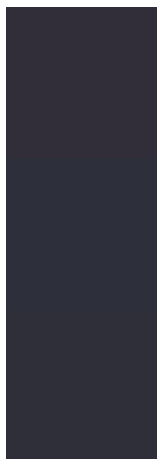


This preview shows how white text looks on a background with the Hex color 312E3A.

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

312E3A

Protanopia

2D2F3B

Deuteranopia

2F2F3A



Tritanopia
302F33

Trichromacy



Original Color

312E3A

Protanomaly

2E2F3B

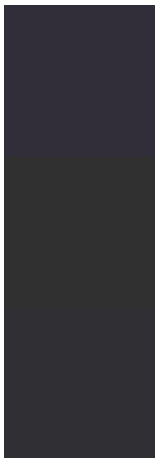
Deuteranomaly

302F3A

Tritanomaly

302F36

Monochromacy



Original Color

312E3A

Achromatopsia

303030

Achromatomaly

302F34

CSS Examples

Text

The CSS property to change the color of the text to Hex 312E3A 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 #312E3A looks like.

```
.text, #text, p{  
    color:#312E3A  
}
```

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 #312E3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #312E3A
}
```

Border

The CSS property to change the border of an element to Hex 312E3A is called "border". The border property can be set on classes, ids or directly on the HTML element.

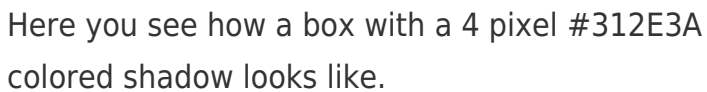
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#312E3A }
```

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

```
.border{ border-color:#312E3A }
```

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



Here you see how a box with a 4 pixel #312E3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #312E3A; -webkit-box-shadow:4px 4px  
4px 4px #312E3A; box-shadow:4px 4px 4px  
4px #312E3A }
```

Background

The CSS property to change the background color of an element to Hex 312E3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#312E3A }
```

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

```
.background{ background-color:#312E3A }
```

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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