

Converting Colors

Hex(31323E)

Have a look what the booklet for
Hex(31323E) contains.

Hex(31323E)	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(31323E)

Conversions

Conversions Part 1

Format	Color
Hex	31323E
RGB	49, 50, 62
RGB Percent	19%, 20%, 24%
CMY	0.8078, 0.8039, 0.7569
CMYK	0.21, 0.19, 0.00, 0.76
HSL	235°, 12%, 22%
HSV	235°, 21%, 24%
XYZ	3.2767, 3.2820, 5.0182
YIQ	51.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

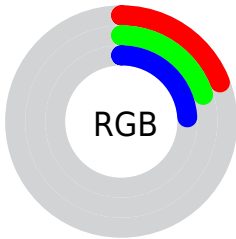
Format	Color
R_{YB}	49, 50, 62
Decimal	3224126
CIE Lab	21.14, 2.65, -7.67
CIE LCh	21, 8.117, 289.033
Yxy	3.2820, 0.2830, 0.2835
Android (android.graphics.Color)	4281414206 (0xFF31323E)
YUV	51.0690, 5.3890, -1.8145
Hunter-Lab	18.1162, 0.5824, -3.7420

Details

The Hex color **31323E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E3D31**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5F606D**, and **020314** is the 20% darker color. If you saturate the color by 10%, you get **2B2C3E**, and if you desaturate by 10%, it is **37383E**.

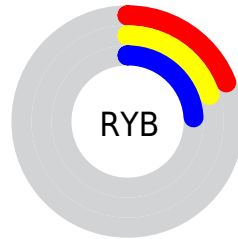
Distribution



Red (19%)

Green (20%)

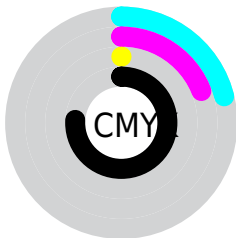
Blue (24%)



Red (19%)

Yellow (20%)

Blue (24%)

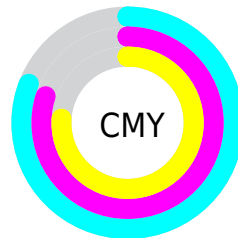


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (76%)



Cyan (81%)

Magenta (80%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31323E 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 31323E by changing the saturation by 10% instead.

■ 31323E

■ 31323E

FFFFFF

■ 1C1D28

■ 5F606D

■ 020314

■ 787987

■ 000000

■ 9293A1

■ ACADBC

■ C8C8D8

■ E4E5F4

■ 31323E

■ 31323E

■ 2B2C3E

■ 37383E

■ 25273E

■ 3D3D3E

■ 1E213E

■ 44433E

■ 181B3E

■ 4A493E

■ 12153E

■ 504F3E

■ 0C103E

■ 56543E

■ 060A3E

■ 5C5A3E

■ 00053E

■ 63603E

■ 69663E

Harmonies

Analogous

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



29343E



31323E



38303B

Triad

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



31323E



3E302A



263630

Complementary

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



31323E



3E3D31

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.



2D352B



31323E



3A3227

Square

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



31323E



3F2F2F



333427



233636

Rectangle

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



31323E



3C2F37



333427



28362E

Sweetspot

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



31323E



4D4D52



313E3D



262629



A8A8A8



292929

Same Dimension

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



31323E



3D3F52



36313E



1C1C1F



00075E



0011DE

Inverse Universe

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



3E3132



523D3F



393E31



1F1C1C



5E0007



DE0011

Previews

White Background



This preview shows how the Hex color 31323E looks on a white background.

Color Contrast Check

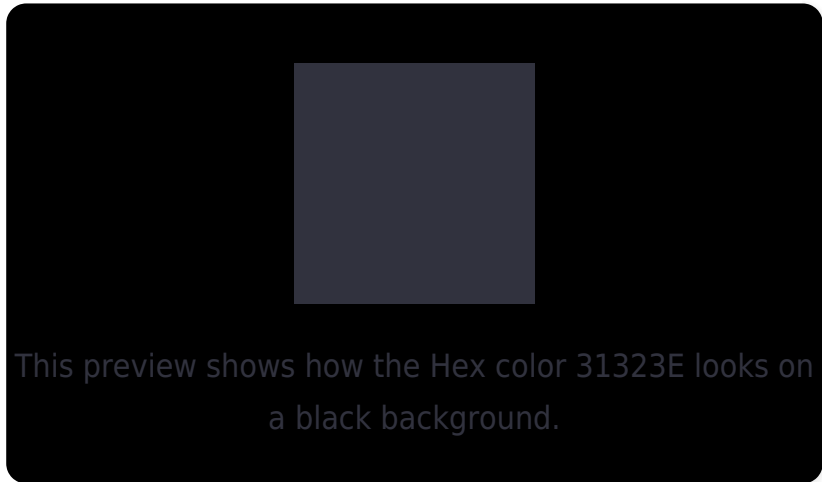
Large Text (above 18pt) WCAG AA ✓ Pass

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

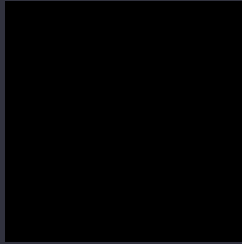
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

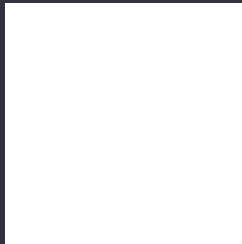
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 31323E Background



This preview shows how black text looks on a background with the Hex color 31323E.



This preview shows how white text looks on a background with the Hex color 31323E.

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](#).

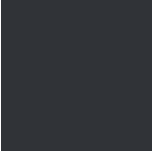
Dichromacy



Original Color
31323E

Protanopia
30323E

Deuteranopia
32323E



Tritanopia
303337

Trichromacy



Original Color
31323E

Protanomaly
30323E

Deuteranomaly
32323E

Tritanomaly
30333A

Monochromacy



Original Color
31323E

Achromatopsia
333333

Achromatomaly
323337

CSS Examples

Text

The CSS property to change the color of the text to Hex 31323E 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 #31323E looks like.

```
.text, #text, p{  
    color:#31323E  
}
```

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 #31323E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31323E
}
```

Border

The CSS property to change the border of an element to Hex 31323E is called "border". The border property can be set on classes, ids or directly on the HTML element.

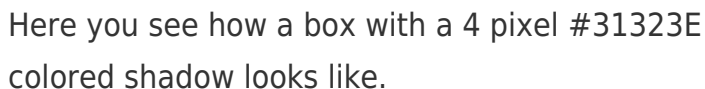
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31323E }
```

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

```
.border{ border-color:#31323E }
```

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



Here you see how a box with a 4 pixel #31323E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31323E; -webkit-box-shadow:4px 4px  
4px 4px #31323E; box-shadow:4px 4px 4px  
4px #31323E }
```

Background

The CSS property to change the background color of an element to Hex 31323E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31323E }
```

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

```
.background{ background-color:#31323E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor