

Converting Colors

Hex(30323B)

Have a look what the booklet for
Hex(30323B) contains.

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Color

Hex(30323B)

Conversions

Conversions Part 1

Format	Color
Hex	30323B
RGB	48, 50, 59
RGB Percent	19%, 20%, 23%
CMY	0.8118, 0.8039, 0.7686
CMYK	0.19, 0.15, 0.00, 0.77
HSL	229°, 10%, 21%
HSV	229°, 19%, 23%
XYZ	3.1489, 3.2253, 4.5943
YIQ	50.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

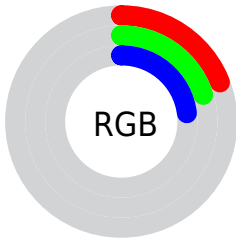
Format	Color
RYB	48, 50, 59
Decimal	3158587
CIELab	20.92, 1.43, -5.96
CIELCh	21, 6.133, 283.478
Yxy	3.2253, 0.2871, 0.2941
Android (android.graphics.Color)	4281348667 (0xFF30323B)
YUV	50.4280, 4.2260, -2.1294
Hunter-Lab	17.9593, -0.1308, -2.5958

Details

The Hex color **30323B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B3930**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5E606A**, and **000311** is the 20% darker color. If you saturate the color by 10%, you get **2A2D3B**, and if you desaturate by 10%, it is **36373B**.

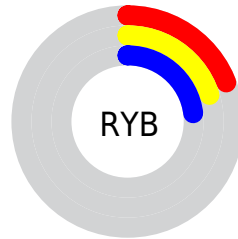
Distribution



Red (19%)

Green (20%)

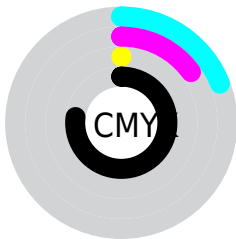
Blue (23%)



Red (19%)

Yellow (20%)

Blue (23%)

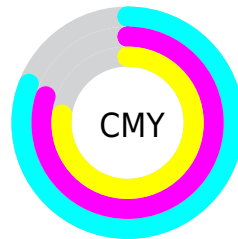


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (77%)



Cyan (81%)

Magenta (80%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30323B 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 30323B by changing the saturation by 10% instead.

■ 30323B

■ 30323B

FFFFFF

■ 1B1D25

■ 5E606A

■ 000311

■ 777983

■ 000000

■ 90939D

■ ABADB8

■ C6C8D4

■ E2E5F0

■ 30323B

■ 30323B

■ 2A2D3B

■ 36373B

■ 24283B

■ 3C3C3B

■ 1E243B

■ 42403B

■ 181F3B

■ 48453B

■ 121A3B

■ 4E4A3B

■ 0D153B

■ 534F3B

■ 07103B

■ 59543B

■ 010B3B

■ 5F593B

■ 000B3B

■ 655D3B

Harmonies

Analogous

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



2B333B



30323B



363139

Triad

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



30323B



3B302C



2A3530

Complementary

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



30323B



3B3930

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.



2F342C



30323B



38312A

Square

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



30323B



3C2F30



34332A



273534

Rectangle

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



30323B



393036



34332A



2B352E

Sweetspot

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



30323B



48494D



303B39



242426



A6A6A6



262626

Same Dimension

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



30323B



3C3F4D



33303B



1C1C1F



00115E



0028DE

Inverse Universe

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



3B3032



4D3C3F



383B30



1F1C1C



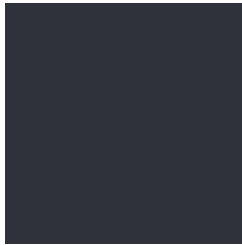
5E0011



DE0028

Previews

White Background



This preview shows how the Hex color 30323B looks on a white background.

Color Contrast Check

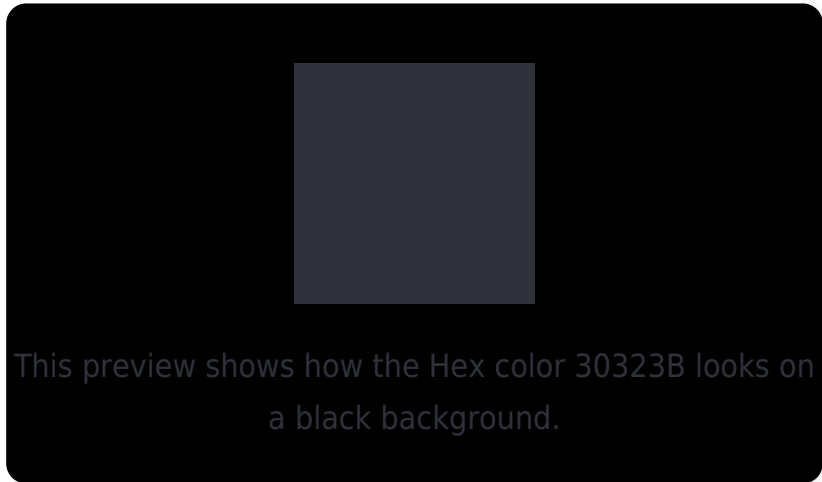
Large Text (above 18pt) WCAG AA ✓ Pass

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

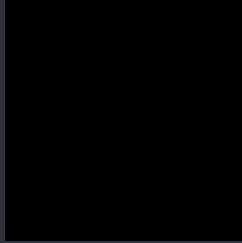
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

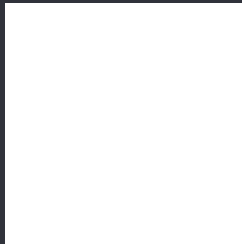
Any Text WCAG AAA × Fail

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

Hex 30323B Background



This preview shows how black text looks on a background with the Hex color 30323B.



This preview shows how white text looks on a background with the Hex color 30323B.

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](#).

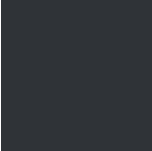
Dichromacy



Original Color
30323B

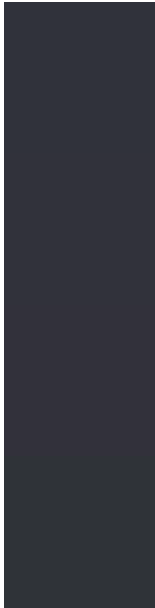
Protanopia
31323B

Deuteranopia
33313B



Tritanopia
2F3337

Trichromacy



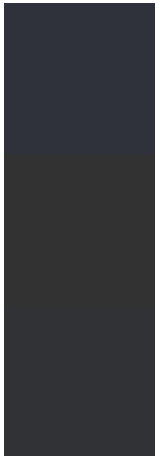
Original Color
30323B

Protanomaly
31323B

Deuteranomaly
32313B

Tritanomaly
2F3338

Monochromacy



Original Color
30323B

Achromatopsia
323232

Achromatomaly
313235

CSS Examples

Text

The CSS property to change the color of the text to Hex 30323B 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 #30323B looks like.

```
.text, #text, p{  
    color:#30323B  
}
```

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 #30323B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30323B
}
```

Border

The CSS property to change the border of an element to Hex 30323B is called "border". The border property can be set on classes, ids or directly on the HTML element.

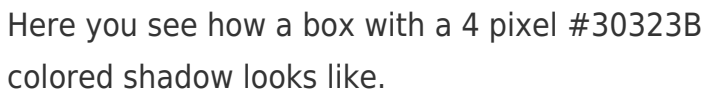
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30323B }
```

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

```
.border{ border-color:#30323B }
```

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



Here you see how a box with a 4 pixel #30323B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30323B; -webkit-box-shadow:4px 4px  
4px 4px #30323B; box-shadow:4px 4px 4px  
4px #30323B }
```

Background

The CSS property to change the background color of an element to Hex 30323B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30323B }
```

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

```
.background{ background-color:#30323B }
```

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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