

Converting Colors

Hex(323B33)

Have a look what the booklet for
Hex(323B33) contains.

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Color

Hex(323B33)

Conversions

Conversions Part 1

Format	Color
Hex	323B33
RGB	50, 59, 51
RGB Percent	20%, 23%, 20%
CMY	0.8039, 0.7686, 0.8000
CMYK	0.15, 0.00, 0.14, 0.77
HSL	127°, 8%, 21%
HSV	127°, 15%, 23%
XYZ	3.4769, 4.0451, 3.7295
YIQ	55.3970, -2.7960, -4.3960

Conversions

Conversions Part 2

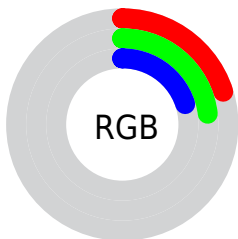
Format	Color
R_YB	50, 58, 59
Decimal	3291955
CIE Lab	23.82, -5.66, 3.70
CIE LCh	24, 6.762, 146.796
Yxy	4.0451, 0.3090, 0.3595
Android (android.graphics.Color)	4281482035 (0xFF323B33)
YUV	55.3970, -2.1677, -4.7332
Hunter-Lab	20.1123, -4.3386, 3.0843

Details

The Hex color **323B33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B323A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **606A61**, and **031105** is the 20% darker color. If you saturate the color by 10%, you get **2C3B2E**, and if you desaturate by 10%, it is **383B38**.

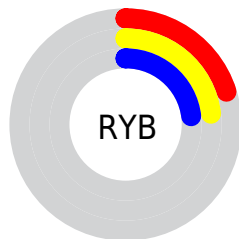
Distribution



Red (20%)

Green (23%)

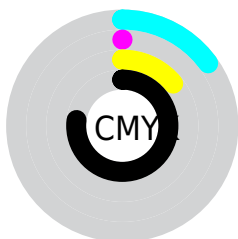
Blue (20%)



Red (20%)

Yellow (23%)

Blue (23%)

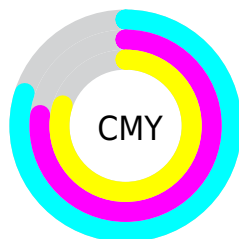


Cyan (15%)

Magenta (0%)

Yellow (14%)

Black (77%)



Cyan (80%)

Magenta (77%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 323B33 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 323B33 by changing the saturation by 10% instead.

■ 323B33

■ 323B33

FFFFFF

■ 1D251E

■ 606A61

■ 031105

■ 79837A

■ 000000

■ 939D94

■ ADB8AE

■ C9D4CA

■ E5F0E6

■ 323B33

■ 323B33

■ 2C3B2E

■ 383B38

■ 263B29

■ 3E3B3D

■ 203B23

■ 443B43

■ 1A3B1E

■ 4A3B48

■ 143B19

■ 4F3B4D

■ 0F3B14

■ 553B52

■ 093B0E

■ 5B3B58

■ 033B09

■ 613B5D

■ 003B07

■ 673B62

Harmonies

Analogous

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



383A30



323B33



2D3C38

Triad

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



323B33



323943



433534

Complementary

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



323B33



3B23A

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.



433539



323B33



393842

Square

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



323B33



2D3B41



3F363E



423730

Rectangle

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



323B33



2C3C3B



3F363E



433536

Sweetspot

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



323B33



494D49



3A3B32



242624



A6A6A6



262626

Same Dimension

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



323B33



3F4D40



323B37



1C1F1C



005E0A



00DE19

Inverse Universe

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



3B323A



4D3F4B



3B3236



1F1C1E



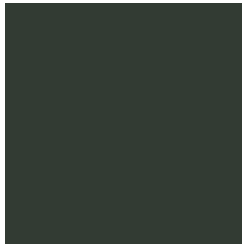
5E0054



DE00C5

Previews

White Background



This preview shows how the Hex color 323B33 looks on a white background.

Color Contrast Check

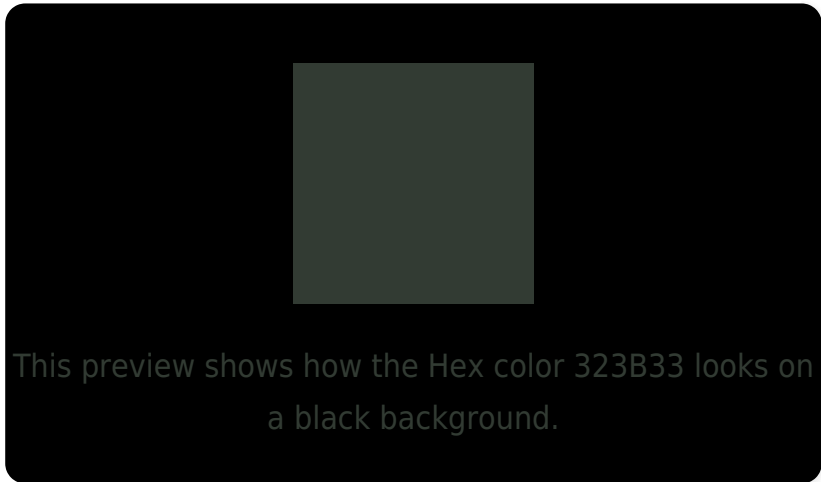
Large Text (above 18pt) WCAG AA ✓ Pass

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

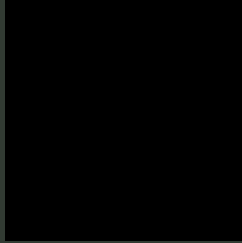
Any Text WCAG AA × Fail

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 323B33 Background



This preview shows how black text looks on a background with the Hex color 323B33.

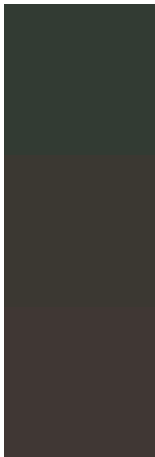


This preview shows how white text looks on a background with the Hex color 323B33.

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](#).

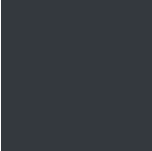
Dichromacy



Original Color
323B33

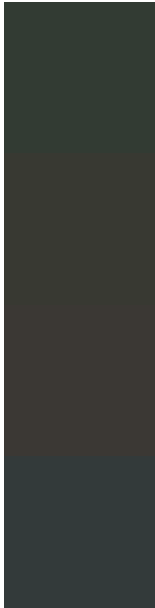
Protanopia
3B3832

Deuteranopia
403734



Tritanopia
34393E

Trichromacy



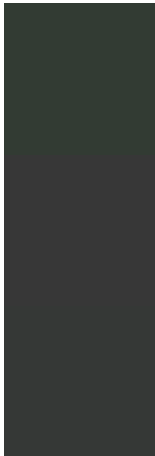
Original Color
323B33

Protanomaly
383932

Deuteranomaly
3B3834

Tritanomaly
333A3A

Monochromacy



Original Color
323B33

Achromatopsia
373737

Achromatomaly
353836

CSS Examples

Text

The CSS property to change the color of the text to Hex 323B33 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 #323B33 looks like.

```
.text, #text, p{  
    color:#323B33  
}
```

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 #323B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #323B33  
}
```

Border

The CSS property to change the border of an element to Hex 323B33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

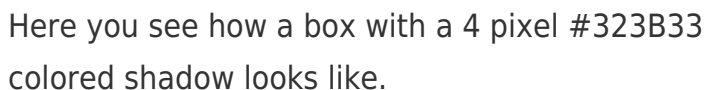
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#323B33 }
```

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

```
.border{ border-color:#323B33 }
```

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



Here you see how a box with a 4 pixel `#323B33` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #323B33; -webkit-box-shadow:4px 4px  
4px 4px #323B33; box-shadow:4px 4px 4px  
4px #323B33 }
```

Background

The CSS property to change the background color of an element to Hex 323B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#323B33 }
```

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

```
.background{ background-color:#323B33 }
```

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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