

# Converting Colors

Hex(3B2B33)

Have a look what the booklet for  
Hex(3B2B33) contains.

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# Color

Hex(3B2B33)

# Conversions

## Conversions Part 1

| Format      | Color                   |
|-------------|-------------------------|
| Hex         | 3B2B33                  |
| RGB         | 59, 43, 51              |
| RGB Percent | 23%, 17%, 20%           |
| CMY         | 0.7686, 0.8314, 0.8000  |
| CMYK        | 0.00, 0.27, 0.14, 0.77  |
| HSL         | 330°, 16%, 20%          |
| HSV         | 330°, 27%, 23%          |
| XYZ         | 3.2651, 2.8966, 3.5190  |
| YIQ         | 48.6960, 6.9680, 5.8800 |

# Conversions

## Conversions Part 2

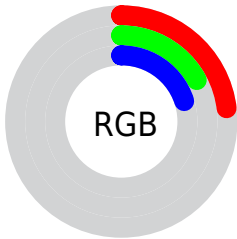
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>RYB</b>                          | 59, 43, 51                  |
| Decimal                             | 3877683                     |
| CIELab                              | 19.62, 8.98, -2.28          |
| CIELCh                              | 20, 9.268, 345.733          |
| Yxy                                 | 2.8966, 0.3373,<br>0.2992   |
| Android<br>(android.graphics.Color) | 4282067763<br>(0xFF3B2B33)  |
| YUV                                 | 48.6960, 1.1359,<br>9.0366  |
| Hunter-Lab                          | 17.0193, 4.4603,<br>-0.3455 |

# Details

The Hex color **3B2B33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B3B33**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6A5961**, and **100004** is the 20% darker color. If you saturate the color by 10%, you get **3B2530**, and if you desaturate by 10%, it is **3B3136**.

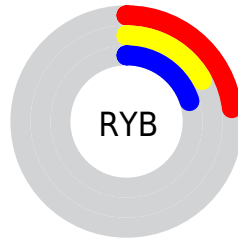
# Distribution



Red (23%)

Green (17%)

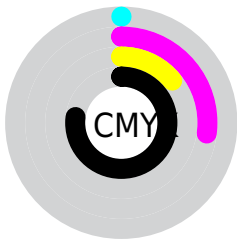
Blue (20%)



Red (23%)

Yellow (17%)

Blue (20%)

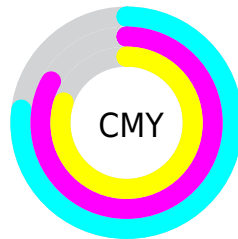


Cyan (0%)

Magenta (27%)

Yellow (14%)

Black (77%)



Cyan (77%)

Magenta (83%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B2B33 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 3B2B33 by changing the saturation by 10% instead.





3B2B33



3B2B33

FFFFFF



25161E



6A5961



100004



84717A



000000



9E8A94



B9A5AE



D5C0CA



F1DCE6



FFF8FF



3B2B33



3B2B33

■ 3B2530

■ 3B3136

■ 3B1F2D

■ 3B3739

■ 3B192A

■ 3B3D3C

■ 3B1327

■ 3B433F

■ 3B0E24

■ 3B4942

■ 3B0821

■ 3B4E45

■ 3B021E

■ 3B5448

■ 3B001D

■ 3B5A4B

■ 3B604E

# Harmonies

## Analogous

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



352D39



3B2B33



3D2B2C

# Triad

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



3B2B33



313022



1D3339

# Complementary

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



3B2B33



2B3B33

# 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.



1D3333



3B2B33



293226

# Square

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



3B2B33



382E23



22332C



23313C

# Rectangle

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



3B2B33



3D2B28



22332C



1D3337



# Sweetspot

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



3B2B33



4D4649



332B3B



262224



A6A6A6



262626



# Same Dimension

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



3B2B33



4D3340



3B2B2B



1F1C1D



5E002F



DE006F



# Inverse Universe

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



3B2B33



4D3340



2B3B3B



1F1C1D



5E002F



DE006F



# Previews

## White Background



This preview shows how the Hex color 3B2B33 looks on a white background.

## Color Contrast Check

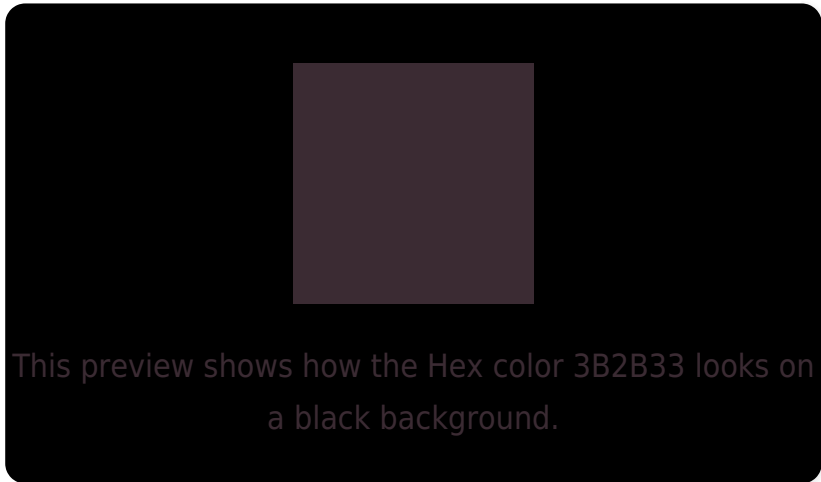
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B2B33 Background



This preview shows how black text looks on a background with the Hex color 3B2B33.



This preview shows how white text looks on a background with the Hex color 3B2B33.

# 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**  
3B2B33

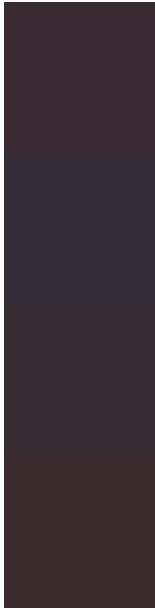
**Protanopia**  
2F2F36

**Deuteranopia**  
332E32



**Tritanopia**  
3B2C2F

# Trichromacy



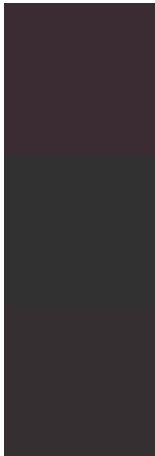
**Original Color**  
3B2B33

**Protanomaly**  
332E35

**Deuteranomaly**  
362D32

**Tritanomaly**  
3B2C30

# Monochromacy



**Original Color**  
3B2B33

**Achromatopsia**  
313131

**Achromatomaly**  
352F32

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B2B33 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 #3B2B33 looks like.

```
.text, #text, p{  
    color:#3B2B33  
}
```

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 #3B2B33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B2B33
}
```

## Border

The CSS property to change the border of an element to Hex 3B2B33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

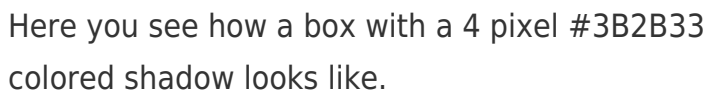
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B2B33 }
```

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

```
.border{ border-color:#3B2B33 }
```

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



Here you see how a box with a 4 pixel #3B2B33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B2B33; -webkit-box-shadow:4px 4px  
4px 4px #3B2B33; box-shadow:4px 4px 4px  
4px #3B2B33 }
```

# Background

The CSS property to change the background color of an element to Hex 3B2B33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B2B33 }
```

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

```
.background{ background-color:#3B2B33 }
```

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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