

# Converting Colors

Hex(293B2E)

Have a look what the booklet for  
Hex(293B2E) contains.

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# Color

Hex(293B2E)

# Conversions

## Conversions Part 1

Format	Color
Hex	293B2E
RGB	41, 59, 46
RGB Percent	16%, 23%, 18%
CMY	0.8392, 0.7686, 0.8196
CMYK	0.31, 0.00, 0.22, 0.77
HSL	137°, 18%, 20%
HSV	137°, 31%, 23%
XYZ	2.9716, 3.7966, 3.1610
YIQ	52.1360, -6.5550, -7.8590

# Conversions

## Conversions Part 2

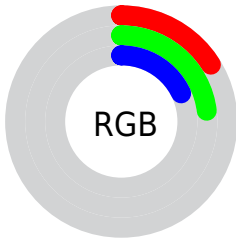
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 55, 59
Decimal	2702126
CIE <sub>Lab</sub>	22.99, -10.53, 5.75
CIE <sub>LCh</sub>	23, 12.003, 151.368
Yxy	3.7966, 0.2993, 0.3824
Android (android.graphics.Color)	4280892206 (0xFF293B2E)
YUV	52.1360, -3.0250, -9.7663
Hunter-Lab	19.4849, -6.8762, 4.0210

# Details

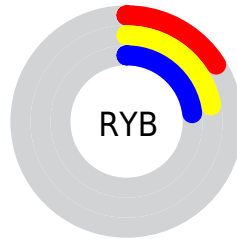
The Hex color **293B2E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B2936**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **576A5C**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **233B2A**, and if you desaturate by 10%, it is **2F3B32**.

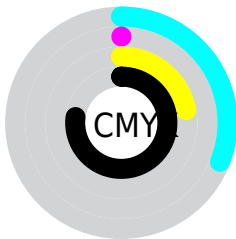
# Distribution



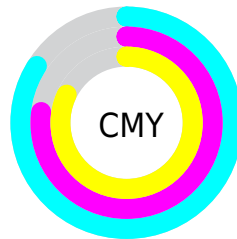
- Red (16%)
- Green (23%)
- Blue (18%)



- Red (16%)
- Yellow (22%)
- Blue (23%)



- Cyan (31%)
- Magenta (0%)
- Yellow (22%)
- Black (77%)



- Cyan (84%)
- Magenta (77%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 293B2E 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 293B2E by changing the saturation by 10% instead.





293B2E



293B2E

FFFFFF



142519



576A5C



001100



6F8474



000000



899E8E



A3B9A8



BED4C4



DAF1DF



F7FFFC



293B2E



293B2E

■ 233B2A

■ 2F3B32

■ 1D3B25

■ 353B37

■ 173B21

■ 3B3B3B

■ 113B1D

■ 413B3F

■ 0C3B19

■ 463B43

■ 063B14

■ 4C3B48

■ 003B10

■ 523B4C

■ 583B50

■ 5E3B54

# Harmonies

## Analogous

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



333927



293B2E



203C37

# Triad

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



293B2E



2C3849



49312E

# Complementary

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



293B2E



3B2936

# 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.



483037



293B2E



393446

# Square

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



293B2E



213A46



433240



443327

# Rectangle

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



293B2E



1C3C3D



433240



493131



# Sweetspot

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



293B2E



464D48



363B29



222623



A6A6A6



262626



# Same Dimension

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



293B2E



304D38



293B37



1C1F1C



005E1A



00DE3E



# Inverse Universe

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



3B2936



4D3045



3B292D



1F1C1E



5E0044

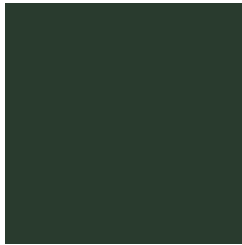


DE00A0



# Previews

## White Background



This preview shows how the Hex color 293B2E looks on a white background.

## Color Contrast Check

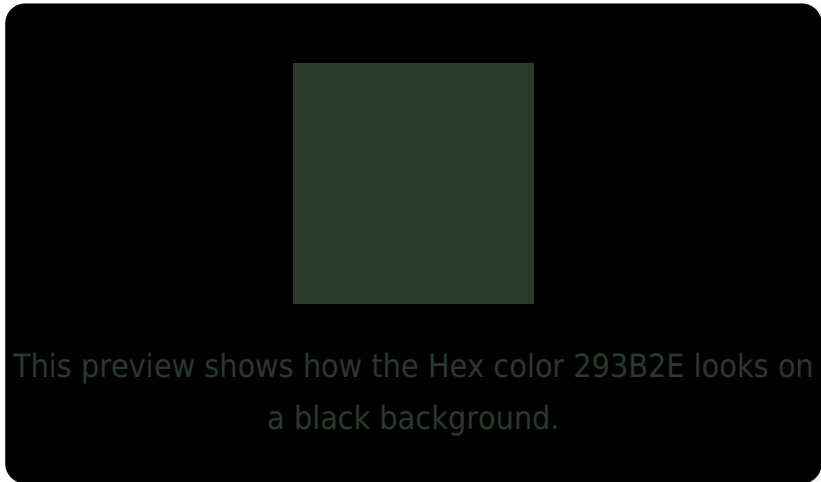
Large Text (above 18pt) WCAG AA ✓ Pass

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

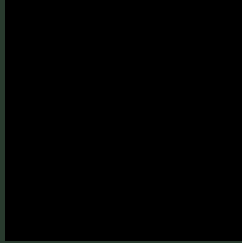
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 293B2E Background



This preview shows how black text looks on a background with the Hex color 293B2E.



This preview shows how white text looks on a background with the Hex color 293B2E.

# 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](#).

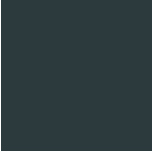
## Dichromacy



**Original Color**  
293B2E

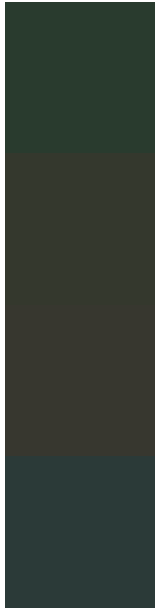
**Protanopia**  
3A372C

**Deuteranopia**  
3F352F



**Tritanopia**  
2C393D

# Trichromacy



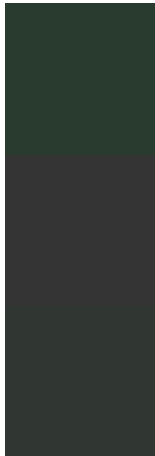
**Original Color**  
293B2E

**Protanomaly**  
34382D

**Deuteranomaly**  
37372F

**Tritanomaly**  
2B3A38

# Monochromacy



**Original Color**  
293B2E

**Achromatopsia**  
343434

**Achromatomaly**  
303732

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 293B2E 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 #293B2E looks like.

```
.text, #text, p{  
    color:#293B2E  
}
```

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 #293B2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293B2E
}
```

## Border

The CSS property to change the border of an element to Hex 293B2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

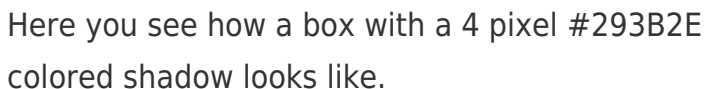
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#293B2E }
```

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

```
.border{ border-color:#293B2E }
```

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



Here you see how a box with a 4 pixel #293B2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293B2E; -webkit-box-shadow:4px 4px  
4px 4px #293B2E; box-shadow:4px 4px 4px  
4px #293B2E }
```

# Background

The CSS property to change the background color of an element to Hex 293B2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293B2E }
```

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

```
.background{ background-color:#293B2E }
```

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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