

# Converting Colors

Hex(293835)

Have a look what the booklet for  
Hex(293835) contains.

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# Color

Hex(293835)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 293835                    |
| RGB         | 41, 56, 53                |
| RGB Percent | 16%, 22%, 21%             |
| CMY         | 0.8392, 0.7804, 0.7922    |
| CMYK        | 0.27, 0.00, 0.05, 0.78    |
| HSL         | 168°, 15%, 19%            |
| HSV         | 168°, 27%, 22%            |
| XYZ         | 2.9712, 3.5568, 3.8981    |
| YIQ         | 51.1730, -7.9770, -4.1130 |

# Conversions

## Conversions Part 2

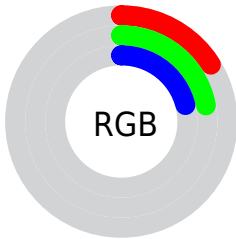
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 41, 49, 56                  |
| Decimal                             | 2701365                     |
| CIE <sub>Lab</sub>                  | 22.15, -6.93, -0.14         |
| CIE <sub>LCh</sub>                  | 22, 6.927, 181.184          |
| Yxy                                 | 3.5568, 0.2850,<br>0.3411   |
| Android<br>(android.graphics.Color) | 4280891445<br>(0xFF293835)  |
| YUV                                 | 51.1730, 0.9007,<br>-8.9217 |
| Hunter-Lab                          | 18.8595, -4.8822,<br>0.9469 |

# Details

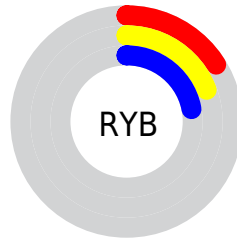
The Hex color **293835** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38292C**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **576763**, and **000D08** is the 20% darker color. If you saturate the color by 10%, you get **233834**, and if you desaturate by 10%, it is **2F3836**.

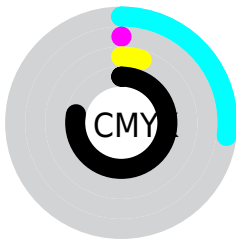
# Distribution



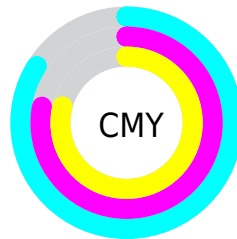
- Red (16%)
- Green (22%)
- Blue (21%)



- Red (16%)
- Yellow (19%)
- Blue (22%)



- Cyan (27%)
- Magenta (0%)
- Yellow (5%)
- Black (78%)



- Cyan (84%)
- Magenta (78%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 293835 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 293835 by changing the saturation by 10% instead.





293835



293835

FFFFFF



142320



576763



000D08



6F807C



000000



899A96



A3B5B1



BED0CC



DAEDE8



F6FFFF



293835



293835

■ 233834

■ 2F3836

■ 1E3833

■ 343837

■ 183832

■ 3A3838

■ 133831

■ 3F3839

■ 0D382F

■ 45383B

■ 07382E

■ 4B383C

■ 02382D

■ 50383D

■ 00382D

■ 56383E

■ 5B383F

# Harmonies

## Analogous

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



2D3730



293835



28383A

# Triad

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



293835



36343E



3D332C

# Complementary

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



293835



38292C

# 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.



403230



293835



3C323A

# Square

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



293835



30353F



3F3135



39352B

# Rectangle

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



293835



29373D



3F3135



3E332D



# Sweetspot

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



293835



444A49



2C3829



222625



A6A6A6



262626



# Same Dimension

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



293835



324A45



293338



191C1B



005C49



00DBAF



# Inverse Universe

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



38292C



4A3237



382E29



1C191A



5C0012

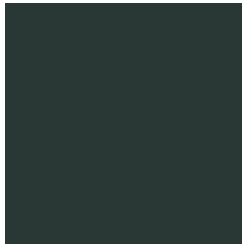


DB002C



# Previews

## White Background



This preview shows how the Hex color 293835 looks on a white background.

## Color Contrast Check

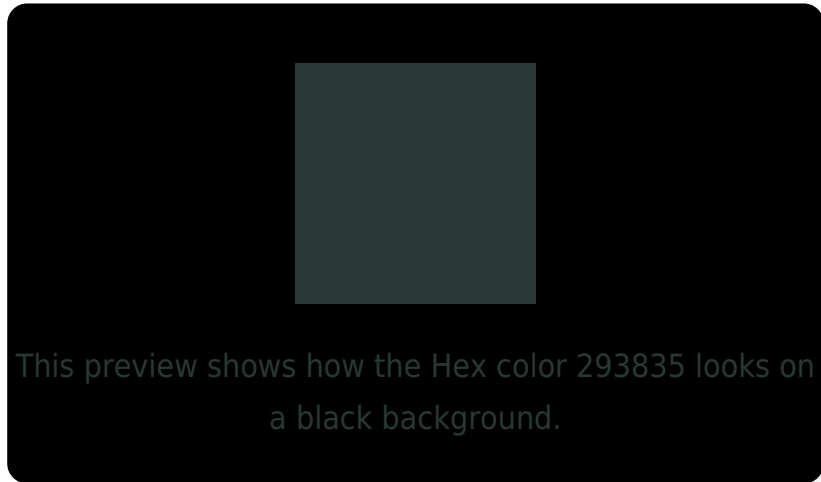
Large Text (above 18pt) WCAG AA ✓ Pass

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

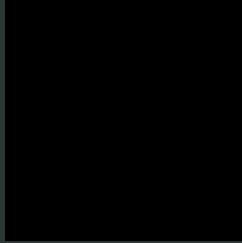
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 293835 Background



This preview shows how black text looks on a background with the Hex color 293835.

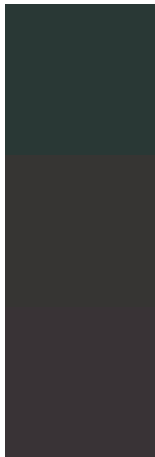


This preview shows how white text looks on a background with the Hex color 293835.

# 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**  
293835

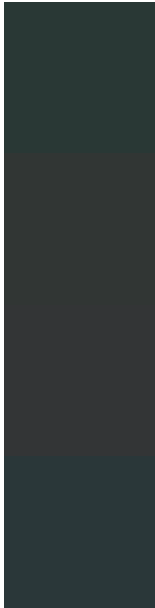
**Protanopia**  
363533

**Deuteranopia**  
393336



**Tritanopia**  
2A373B

# Trichromacy



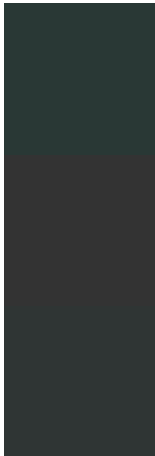
**Original Color**  
293835

**Protanomaly**  
313634

**Deuteranomaly**  
333536

**Tritanomaly**  
2A3739

# Monochromacy



**Original Color**  
293835

**Achromatopsia**  
333333

**Achromatomaly**  
2F3534

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 293835 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 #293835 looks like.

```
.text, #text, p{  
    color:#293835  
}
```

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 #293835 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293835
}
```

## Border

The CSS property to change the border of an element to Hex 293835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

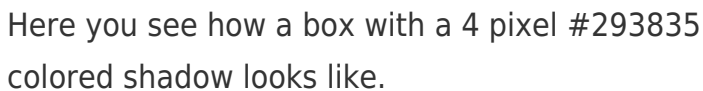
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#293835 }
```

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

```
.border{ border-color:#293835 }
```

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



Here you see how a box with a 4 pixel #293835 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293835; -webkit-box-shadow:4px 4px  
4px 4px #293835; box-shadow:4px 4px 4px  
4px #293835 }
```

# Background

The CSS property to change the background color of an element to Hex 293835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293835 }
```

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

```
.background{ background-color:#293835 }
```

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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