

# Converting Colors

Hex(293C34)

Have a look what the booklet for  
Hex(293C34) contains.

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# Color

Hex(293C34)

# Conversions

## Conversions Part 1

Format	Color
Hex	293C34
RGB	41, 60, 52
RGB Percent	16%, 24%, 20%
CMY	0.8392, 0.7647, 0.7961
CMYK	0.32, 0.00, 0.13, 0.76
HSL	155°, 19%, 20%
HSV	155°, 32%, 24%
XYZ	3.1501, 3.9511, 3.8454
YIQ	53.4070, -8.7560, -6.5160

# Conversions

## Conversions Part 2

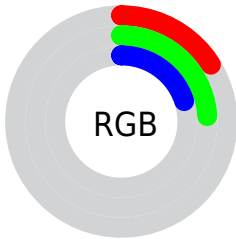
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 53, 60
Decimal	2702388
CIE Lab	23.51, -9.69, 2.50
CIE LCh	24, 10.007, 165.528
Yxy	3.9511, 0.2878, 0.3609
Android (android.graphics.Color)	4280892468 (0xFF293C34)
YUV	53.4070, -0.6937, -10.8809
Hunter-Lab	19.8773, -6.4967, 2.4440

# Details

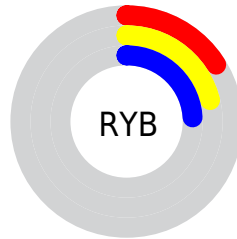
The Hex color **293C34** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C2931**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **576B62**, and **001206** is the 20% darker color. If you saturate the color by 10%, you get **233C31**, and if you desaturate by 10%, it is **2F3C37**.

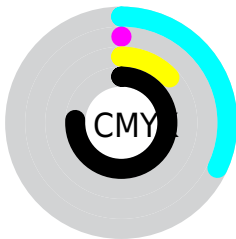
# Distribution



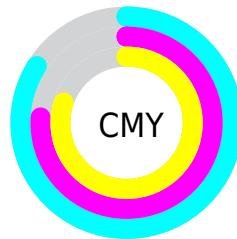
- Red (16%)
- Green (24%)
- Blue (20%)



- Red (16%)
- Yellow (21%)
- Blue (24%)



- Cyan (32%)
- Magenta (0%)
- Yellow (13%)
- Black (76%)



- Cyan (84%)
- Magenta (76%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 293C34 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 293C34 by changing the saturation by 10% instead.





293C34



293C34

FFFFFF



14261F



576B62



001206



6F857B



000000



899F95



A3BAB0



BED5CB



DAF2E7



F7FFFF



293C34



293C34

■ 233C31

■ 2F3C37

■ 1D3C2F

■ 353C39

■ 173C2C

■ 3B3C3C

■ 113C2A

■ 413C3E

■ 0B3C27

■ 473C41

■ 053C25

■ 4D3C43

■ 003C23

■ 533C46

■ 593C48

■ 5F3C4B

# Harmonies

## Analogous

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



313B2D



293C34



243C3C

# Triad

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



293C34



343746



46342E

# Complementary

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



293C34



3C2931

# 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.



473334



293C34



3E3543

# Square

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



293C34



2B3A46



45333C



41362A

# Rectangle

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



293C34



233C40



45333C



473330



# Sweetspot

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



293C34



474F4C



313C29



242927



A8A8A8



292929



# Same Dimension

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



293C34



314F42



293B3C



1C1F1D



005E37



00DE80



# Inverse Universe

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



3C2931



4F313E



3C2A29



1F1C1D



5E0028



DE005D



# Previews

## White Background



This preview shows how the Hex color 293C34 looks on a white background.

## Color Contrast Check

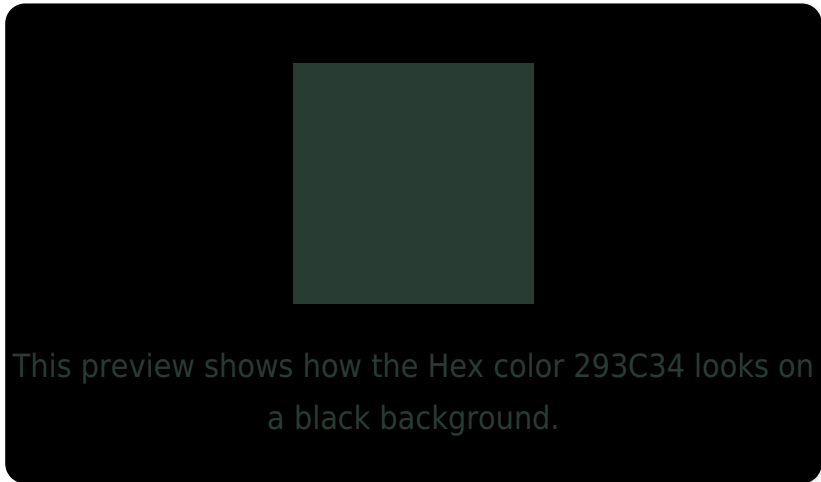
Large Text (above 18pt) WCAG AA ✓ Pass

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

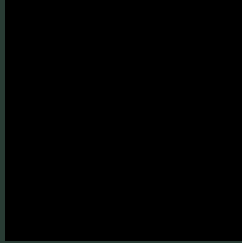
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 293C34 Background



This preview shows how black text looks on a background with the Hex color 293C34.



This preview shows how white text looks on a background with the Hex color 293C34.

# 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**  
293C34

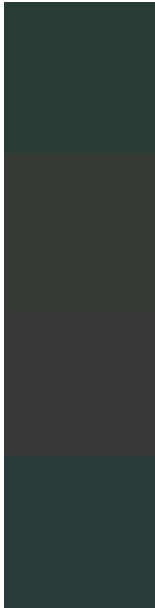
**Protanopia**  
3A3832

**Deuteranopia**  
3E3635



**Tritanopia**  
2B3A3F

# Trichromacy



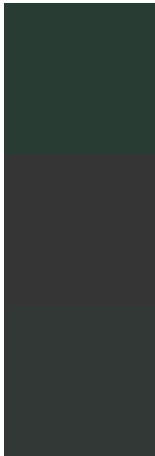
**Original Color**  
293C34

**Protanomaly**  
343933

**Deuteranomaly**  
363835

**Tritanomaly**  
2A3B3B

# Monochromacy



**Original Color**  
293C34

**Achromatopsia**  
353535

**Achromatomaly**  
313835

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 293C34 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 #293C34 looks like.

```
.text, #text, p{  
    color:#293C34  
}
```

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 #293C34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293C34
}
```

## Border

The CSS property to change the border of an element to Hex 293C34 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".

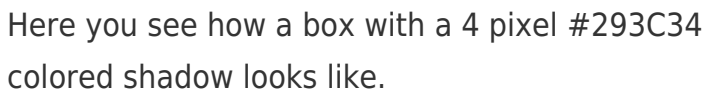
```
.border, #border, table{ border:4px solid
#293C34 }
```

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

```
.border{ border-color:#293C34 }
```

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

Here you see how a box with a 4 pixel #293C34 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293C34; -webkit-box-shadow:4px 4px  
4px 4px #293C34; box-shadow:4px 4px 4px  
4px #293C34 }
```

# Background

The CSS property to change the background color of an element to Hex 293C34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293C34 }
```

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

```
.background{ background-color:#293C34 }
```

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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