

Converting Colors

Hex(293A36)

Have a look what the booklet for
Hex(293A36) contains.

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Color

Hex(293A36)

Conversions

Conversions Part 1

Format	Color
Hex	293A36
RGB	41, 58, 54
RGB Percent	16%, 23%, 21%
CMY	0.8392, 0.7725, 0.7882
CMYK	0.29, 0.00, 0.07, 0.77
HSL	166°, 17%, 19%
HSV	166°, 29%, 23%
XYZ	3.0934, 3.7639, 4.0535
YIQ	52.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

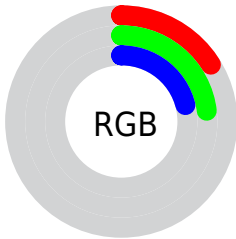
Format	Color
R_{YB}	41, 51, 58
Decimal	2701878
CIE Lab	22.87, -7.93, 0.24
CIE LCh	23, 7.931, 178.232
Yxy	3.7639, 0.2835, 0.3450
Android (android.graphics.Color)	4280891958 (0xFF293A36)
YUV	52.4610, 0.7587, -10.0513
Hunter-Lab	19.4007, -5.4901, 1.1927

Details

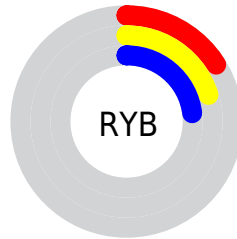
The Hex color **293A36** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A292D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **576965**, and **00100A** is the 20% darker color. If you saturate the color by 10%, you get **233A35**, and if you desaturate by 10%, it is **2F3A37**.

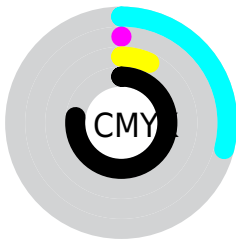
Distribution



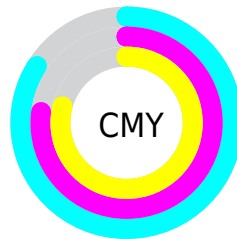
- Red (16%)
- Green (23%)
- Blue (21%)



- Red (16%)
- Yellow (20%)
- Blue (23%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)
- Black (77%)



- Cyan (84%)
- Magenta (77%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293A36 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 293A36 by changing the saturation by 10% instead.

■ 293A36

■ 293A36

FFFFFF

■ 142421

■ 576965

■ 00100A

■ 6F827E

■ 000000

■ 899C97

■ A3B7B2

■ BED3CE

■ DAEFEA

■ F7FFFF

■ 293A36

■ 293A36

■ 233A35

■ 2F3A37

■ 1D3A33

■ 353A39

■ 183A32

■ 3A3A3A

■ 123A31

■ 403A3B

■ 0C3A2F

■ 463A3D

■ 063A2E

■ 4C3A3E

■ 003A2C

■ 523A40

■ 573A41

■ 5D3A42

Harmonies

Analogous

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



2E3930



293A36



273A3C

Triad

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



293A36



373541



41342D

Complementary

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



293A36



3A292D

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.



433331



293A36



3E333D

Square

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



293A36



303742



423337



3C362B

Rectangle

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



293A36



28393F



423337



42342E

Sweetspot

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



293A36



464D4B



2D3A29



222625



A6A6A6



262626

Same Dimension

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



293A36



324D46



29363A



191C1B



005C46



00DBA8

Inverse Universe

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



3A292D



4D3238



3A2D29



1C191A



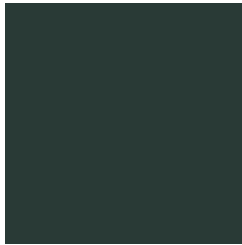
5C0016



DB0034

Previews

White Background



This preview shows how the Hex color 293A36 looks on a white background.

Color Contrast Check

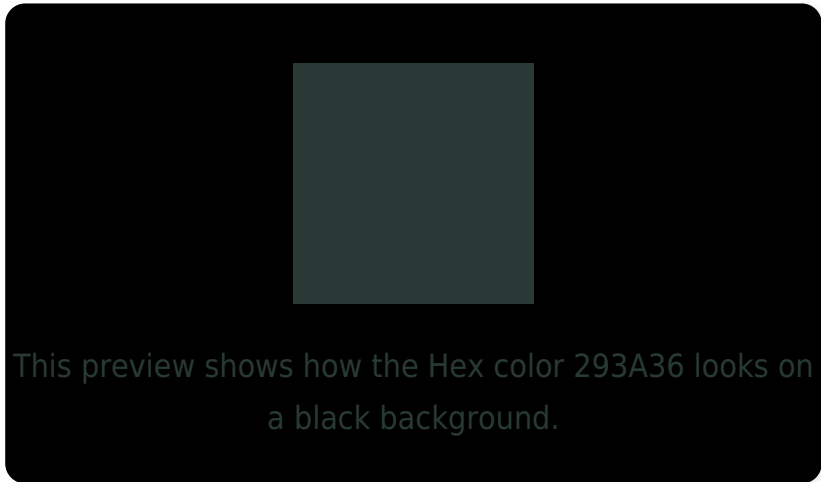
Large Text (above 18pt) WCAG AA ✓ Pass

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

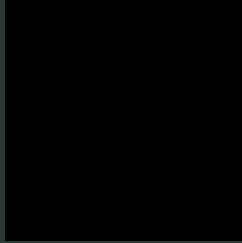
Any Text WCAG AA × Fail

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 293A36 Background



This preview shows how black text looks on a background with the Hex color 293A36.



This preview shows how white text looks on a background with the Hex color 293A36.

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](#).

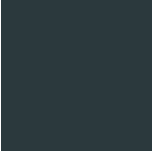
Dichromacy



Original Color
293A36

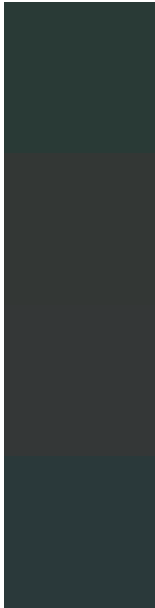
Protanopia
383634

Deuteranopia
3B3537



Tritanopia
2B393D

Trichromacy



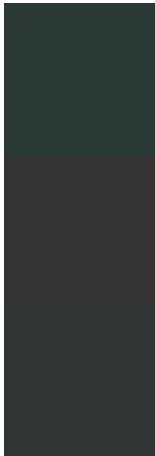
Original Color
293A36

Protanomaly
333735

Deuteranomaly
343737

Tritanomaly
2A393A

Monochromacy



Original Color
293A36

Achromatopsia
343434

Achromatomaly
303635

CSS Examples

Text

The CSS property to change the color of the text to Hex 293A36 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 #293A36 looks like.

```
.text, #text, p{  
    color:#293A36  
}
```

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 #293A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293A36
}
```

Border

The CSS property to change the border of an element to Hex 293A36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

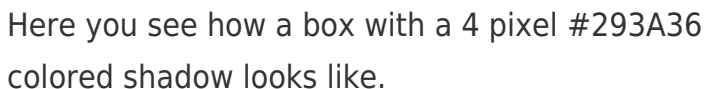
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#293A36 }
```

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

```
.border{ border-color:#293A36 }
```

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



Here you see how a box with a 4 pixel #293A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293A36; -webkit-box-shadow:4px 4px  
4px 4px #293A36; box-shadow:4px 4px 4px  
4px #293A36 }
```

Background

The CSS property to change the background color of an element to Hex 293A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293A36 }
```

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

```
.background{ background-color:#293A36 }
```

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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