

Converting Colors

Hex(293846)

Have a look what the booklet for
Hex(293846) contains.

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Color

Hex(293846)

Conversions

Conversions Part 1

Format	Color
Hex	293846
RGB	41, 56, 70
RGB Percent	16%, 22%, 27%
CMY	0.8392, 0.7804, 0.7255
CMYK	0.41, 0.20, 0.00, 0.73
HSL	209°, 26%, 22%
HSV	209°, 41%, 27%
XYZ	3.4341, 3.7420, 6.3356
YIQ	53.1110, -13.4340, 1.1740

Conversions

Conversions Part 2

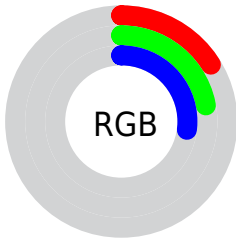
Format	Color
RYB	41, 51, 70
Decimal	2701382
CIELab	22.80, -1.94, -10.61
CIElCh	23, 10.782, 259.620
Yxy	3.7420, 0.2542, 0.2769
Android (android.graphics.Color)	4280891462 (0xFF293846)
YUV	53.1110, 8.3263, -10.6213
Hunter-Lab	19.3441, -2.1636, -5.8778

Details

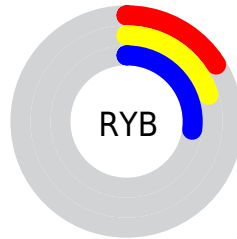
The Hex color **293846** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **463729**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **586776**, and **000D1B** is the 20% darker color. If you saturate the color by 10%, you get **223546**, and if you desaturate by 10%, it is **303B46**.

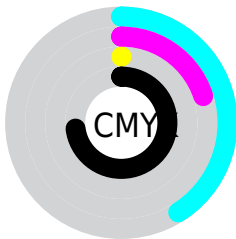
Distribution



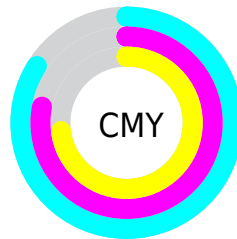
- Red (16%)
- Green (22%)
- Blue (27%)



- Red (16%)
- Yellow (20%)
- Blue (27%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)
- Black (73%)



- Cyan (84%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293846 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 293846 by changing the saturation by 10% instead.

■ 293846

■ 293846

FFFFFF

■ 132330

■ 586776

■ 000D1B

■ 708090

■ 000000

■ 8A9AAA

■ A4B5C6

■ C0D0E2

■ DCECFE

■ F8FFFF

■ 293846

■ 293846

■ 223546

■ 303B46

■ 1B3146

■ 373F46

■ 142E46

■ 3E4246

■ 0D2A46

■ 454646

■ 062746

■ 4C4946

■ 002446

■ 534C46

■ 5A5046

■ 615346

■ 685646

Harmonies

Analogous

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



213A42



293846



343545

Triad

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



293846



473131



2E3A2C

Complementary

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



293846



463729

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.



373827



293846



45322B

Square

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



293846



45313A



3F3527



253B33

Rectangle

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



293846



3B3343



3F3527



31392A

Sweetspot

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



293846



51565C



294637



272B2E



ADADAD



2E2E2E

Same Dimension

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



293846



2E465C



292A46



202224



003363



0075E3

Inverse Universe

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



462938



5C2E46



464529



242022



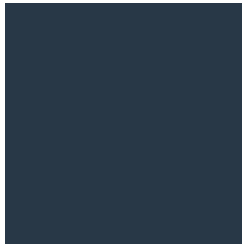
630033



E30075

Previews

White Background



This preview shows how the Hex color 293846 looks on a white background.

Color Contrast Check

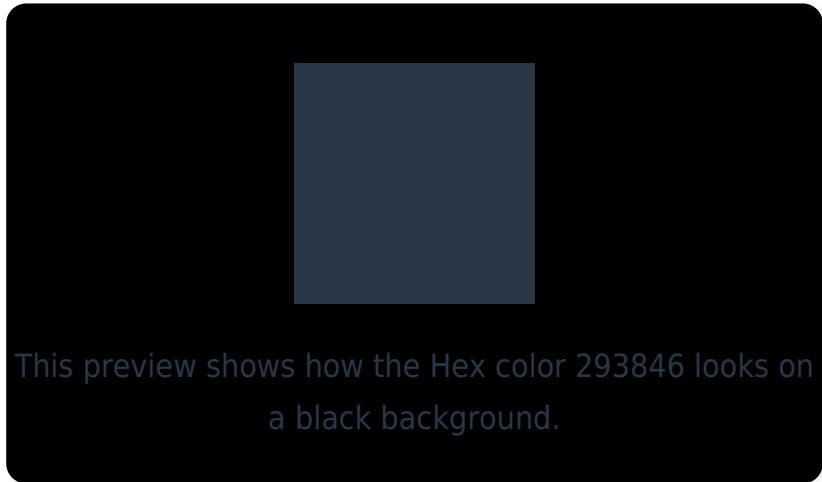
Large Text (above 18pt) WCAG AA ✓ Pass

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

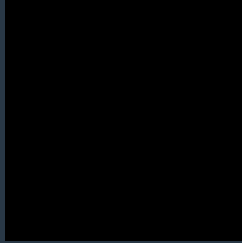
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

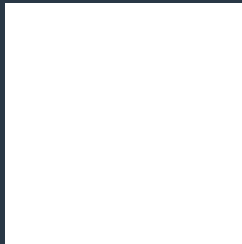
Any Text WCAG AAA × Fail

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

Hex 293846 Background



This preview shows how black text looks on a background with the Hex color 293846.



This preview shows how white text looks on a background with the Hex color 293846.

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](#).

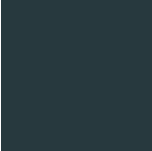
Dichromacy



Original Color
293846

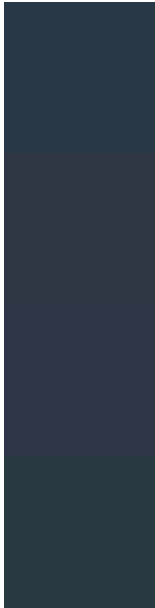
Protanopia
333644

Deuteranopia
333547



Tritanopia
27393E

Trichromacy



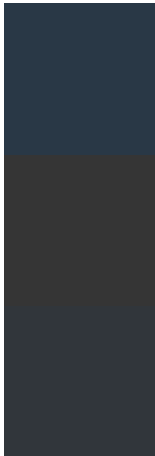
Original Color
293846

Protanomaly
2F3745

Deuteranomaly
2F3647

Tritanomaly
283941

Monochromacy



Original Color
293846

Achromatopsia
353535

Achromatomaly
31363B

CSS Examples

Text

The CSS property to change the color of the text to Hex 293846 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 #293846 looks like.

```
.text, #text, p{  
    color:#293846  
}
```

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 #293846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293846
}
```

Border

The CSS property to change the border of an element to Hex 293846 is called "border". The border property can be set on classes, ids or directly on the HTML element.

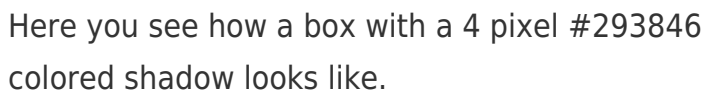
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#293846 }
```

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

```
.border{ border-color:#293846 }
```

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



Here you see how a box with a 4 pixel #293846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293846; -webkit-box-shadow:4px 4px  
4px 4px #293846; box-shadow:4px 4px 4px  
4px #293846 }
```

Background

The CSS property to change the background color of an element to Hex 293846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293846 }
```

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

```
.background{ background-color:#293846 }
```

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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