

Converting Colors

Hex(293540)

Have a look what the booklet for
Hex(293540) contains.

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Color

Hex(293540)

Conversions

Conversions Part 1

Format	Color
Hex	293540
RGB	41, 53, 64
RGB Percent	16%, 21%, 25%
CMY	0.8392, 0.7922, 0.7490
CMYK	0.36, 0.17, 0.00, 0.75
HSL	209°, 22%, 21%
HSV	209°, 36%, 25%
XYZ	3.1130, 3.3878, 5.3403
YIQ	50.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

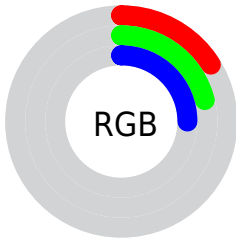
Format	Color
RYB	41, 49, 64
Decimal	2700608
CIELab	21.53, -1.81, -8.49
CIELCh	22, 8.686, 257.954
Yxy	3.3878, 0.2629, 0.2861
Android (android.graphics.Color)	4280890688 (0xFF293540)
YUV	50.6660, 6.5737, -8.4771
Hunter-Lab	18.4059, -2.0210, -4.3183

Details

The Hex color **293540** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **403429**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **576370**, and **000816** is the 20% darker color. If you saturate the color by 10%, you get **233240**, and if you desaturate by 10%, it is **2F3840**.

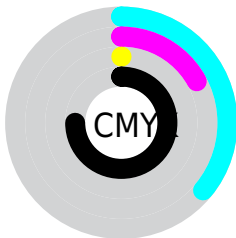
Distribution



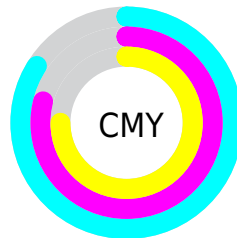
- Red (16%)
- Green (21%)
- Blue (25%)



- Red (16%)
- Yellow (19%)
- Blue (25%)



- Cyan (36%)
- Magenta (17%)
- Yellow (0%)
- Black (75%)



- Cyan (84%)
- Magenta (79%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293540 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 293540 by changing the saturation by 10% instead.

■ 293540

■ 293540

FFFFFF

■ 14202A

■ 576370

■ 000816

■ 707C89

■ 000000

■ 8996A3

■ A4B1BE

■ BFCCDA

■ DBE8F7

■ F7FFFF

■ 293540

■ 293540

■ 233240

■ 2F3840

■ 1C2F40

■ 363B40

■ 162C40

■ 3C3E40

■ 0F2940

■ 434140

■ 092640

■ 494440

■ 032340

■ 4F4740

■ 002140

■ 564A40

■ 5C4D40

■ 635140

Harmonies

Analogous

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



23373D



293540



313340

Triad

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



293540



412F30



2D362B

Complementary

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



293540



403429

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.



343427



293540



40302A

Square

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



293540



3F2F36



3B3227



263731

Rectangle

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



293540



37313E



3B3227



303629

Sweetspot

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



293540



4B5054



294034



26292B



ABABAB



2B2B2B

Same Dimension

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



293540



304354



292A40



1E2021



003361



0075E0

Inverse Universe

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



402935



543043



403F29



211E20



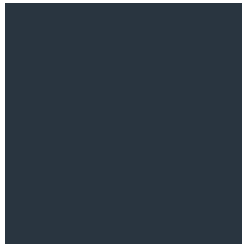
610033



E00075

Previews

White Background



This preview shows how the Hex color 293540 looks on a white background.

Color Contrast Check

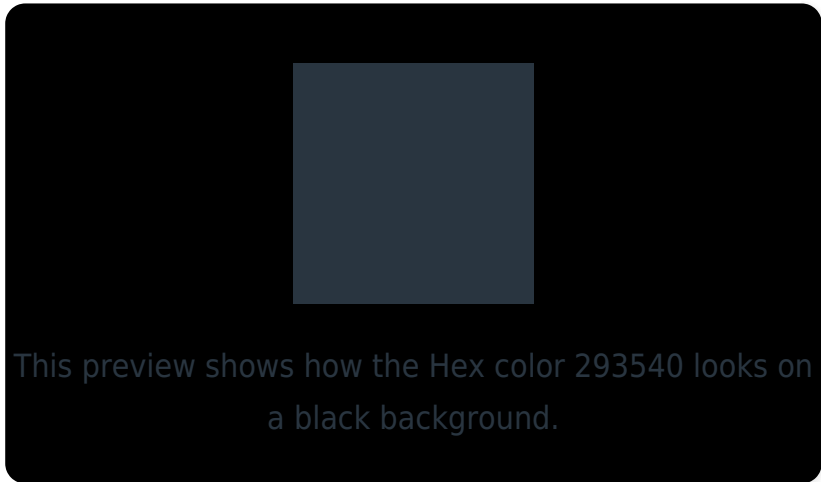
Large Text (above 18pt) WCAG AA ✓ Pass

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

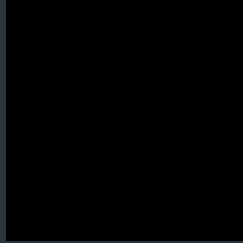
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

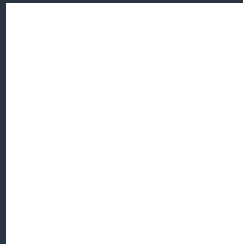
Any Text WCAG AAA × Fail

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

Hex 293540 Background



This preview shows how black text looks on a background with the Hex color 293540.



This preview shows how white text looks on a background with the Hex color 293540.

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](#).

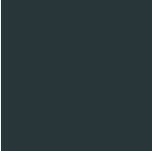
Dichromacy



Original Color
293540

Protanopia
31333F

Deuteranopia
323341



Tritanopia
28363A

Trichromacy



Original Color

293540

Protanomaly

2E343F

Deuteranomaly

2F3441

Tritanomaly

28363C

Monochromacy



Original Color

293540

Achromatopsia

333333

Achromatomaly

2F3438

CSS Examples

Text

The CSS property to change the color of the text to Hex 293540 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 #293540 looks like.

```
.text, #text, p{  
    color:#293540  
}
```

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 #293540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293540
}
```

Border

The CSS property to change the border of an element to Hex 293540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

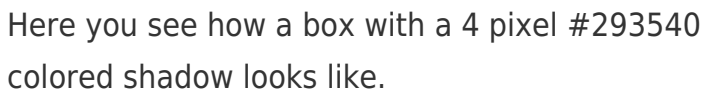
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#293540 }
```

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

```
.border{ border-color:#293540 }
```

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



Here you see how a box with a 4 pixel #293540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293540; -webkit-box-shadow:4px 4px  
4px 4px #293540; box-shadow:4px 4px 4px  
4px #293540 }
```

Background

The CSS property to change the background color of an element to Hex 293540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293540 }
```

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

```
.background{ background-color:#293540 }
```

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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