

Converting Colors

Hex(293D4E)

Have a look what the booklet for
Hex(293D4E) contains.

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Color

Hex(293D4E)

Conversions

Conversions Part 1

Format	Color
Hex	293D4E
RGB	41, 61, 78
RGB Percent	16%, 24%, 31%
CMY	0.8392, 0.7608, 0.6941
CMYK	0.47, 0.22, 0.00, 0.69
HSL	208°, 31%, 23%
HSV	208°, 47%, 31%
XYZ	3.9583, 4.3590, 7.8405
YIQ	56.9580, -17.3770, 1.0470

Conversions

Conversions Part 2

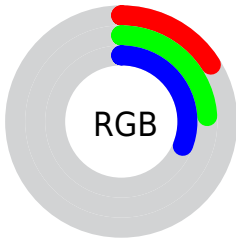
Format	Color
R_{YB}	41, 54, 78
Decimal	2702670
CIE Lab	24.82, -2.66, -12.82
CIE LCh	25, 13.092, 258.299
Yxy	4.3590, 0.2450, 0.2698
Android (android.graphics.Color)	4280892750 (0xFF293D4E)
YUV	56.9580, 10.3737, -13.9952
Hunter-Lab	20.8781, -2.6944, -7.6508

Details

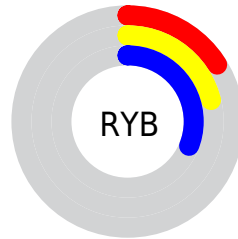
The Hex color **293D4E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4E3A29**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **586C7F**, and **001322** is the 20% darker color. If you saturate the color by 10%, you get **21394E**, and if you desaturate by 10%, it is **31414E**.

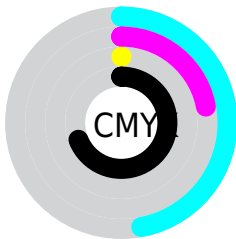
Distribution



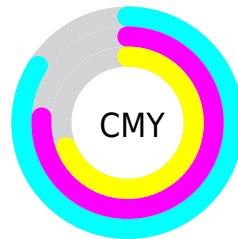
- Red (16%)
- Green (24%)
- Blue (31%)



- Red (16%)
- Yellow (21%)
- Blue (31%)



- Cyan (47%)
- Magenta (22%)
- Yellow (0%)
- Black (69%)



- Cyan (84%)
- Magenta (76%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293D4E 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 293D4E by changing the saturation by 10% instead.

■ 293D4E

■ 293D4E

FFFFFF

■ 122737

■ 586C7F

■ 001322

■ 718699

■ 000009

■ 8BA0B4

■ 000000

■ A6BBCF

■ C1D6EC

■ DDF3FF

■ FAFFFF

■ 293D4E

■ 293D4E

■ 21394E

■ 31414E

■ 19364E

■ 39444E

■ 12324E

■ 40484E

■ 0A2F4E

■ 484B4E

■ 022B4E

■ 504F4E

■ 002A4E

■ 58534E

■ 60564E

■ 675A4E

■ 6F5D4E

Harmonies

Analogous

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



1E3F49



293D4E



373A4E

Triad

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



293D4E



4F3435



313F2E

Complementary

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



293D4E



4E3A29

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.



3C3C28



293D4E



4C362D

Square

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



293D4E



4C343F



463928



254037

Rectangle

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



293D4E



40374A



463928



343E2B

Sweetspot

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



293D4E



585F66



294E3A



2A2F33



B3B3B3



333333

Same Dimension

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



293D4E



2C4B66



292B4E



222426



003766



007CE6

Inverse Universe

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



4E293D



662C4B



4E4C29



262224



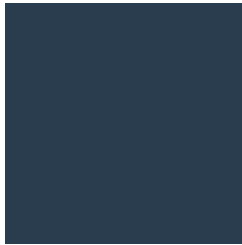
660037



E6007C

Previews

White Background



This preview shows how the Hex color 293D4E looks on a white background.

Color Contrast Check

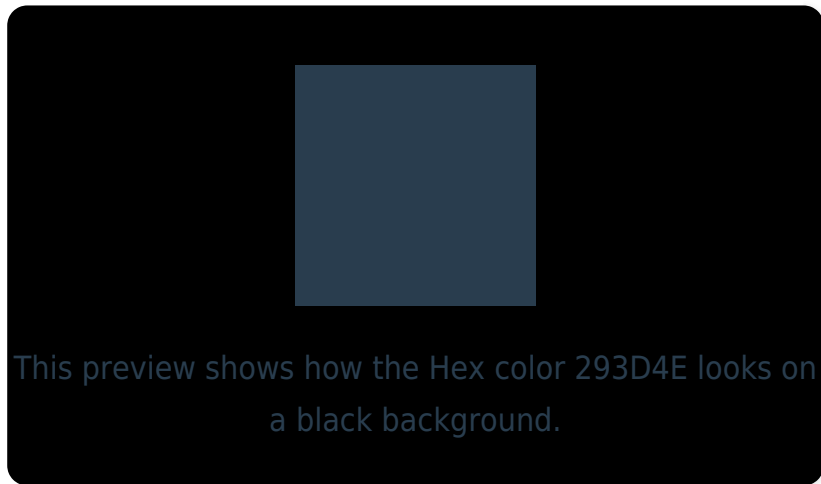
Large Text (above 18pt) WCAG AA ✓ Pass

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

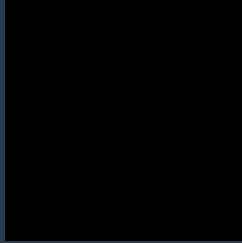
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

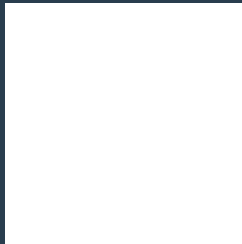
Any Text WCAG AAA × Fail

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

Hex 293D4E Background



This preview shows how black text looks on a background with the Hex color 293D4E.



This preview shows how white text looks on a background with the Hex color 293D4E.

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](#).

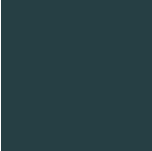
Dichromacy



Original Color
293D4E

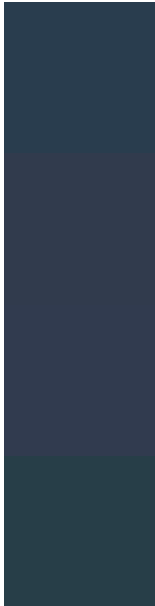
Protanopia
363A4C

Deuteranopia
353A4F



Tritanopia
263F44

Trichromacy



Original Color
293D4E

Protanomaly
313B4D

Deuteranomaly
313B4F

Tritanomaly
273E48

Monochromacy



Original Color
293D4E

Achromatopsia
393939

Achromatomaly
333A41

CSS Examples

Text

The CSS property to change the color of the text to Hex 293D4E 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 #293D4E looks like.

```
.text, #text, p{  
    color:#293D4E  
}
```

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 #293D4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293D4E
}
```

Border

The CSS property to change the border of an element to Hex 293D4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

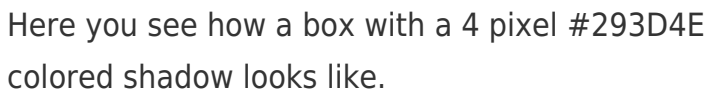
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#293D4E }
```

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

```
.border{ border-color:#293D4E }
```

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



Here you see how a box with a 4 pixel #293D4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293D4E; -webkit-box-shadow:4px 4px  
4px 4px #293D4E; box-shadow:4px 4px 4px  
4px #293D4E }
```

Background

The CSS property to change the background color of an element to Hex 293D4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293D4E }
```

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

```
.background{ background-color:#293D4E }
```

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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