

Converting Colors

Hex(263D46)

Have a look what the booklet for
Hex(263D46) contains.

Hex(263D46)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(263D46)

Conversions

Conversions Part 1

Format	Color
Hex	263D46
RGB	38, 61, 70
RGB Percent	15%, 24%, 27%
CMY	0.8510, 0.7608, 0.7255
CMYK	0.46, 0.13, 0.00, 0.73
HSL	197°, 30%, 21%
HSV	197°, 46%, 27%
XYZ	3.5736, 4.1918, 6.4151
YIQ	55.1490, -16.5970, -2.0770

Conversions

Conversions Part 2

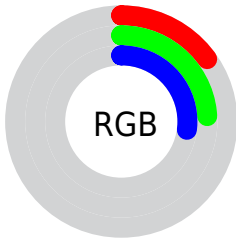
Format	Color
R_{YB}	38, 51, 70
Decimal	2506054
CIE _{Lab}	24.30, -6.18, -8.35
CIE _{LCh}	24, 10.389, 233.472
Yxy	4.1918, 0.2520, 0.2956
Android (android.graphics.Color)	4280696134 (0xFF263D46)
YUV	55.1490, 7.3215, -15.0397
Hunter-Lab	20.4738, -4.6731, -4.2458

Details

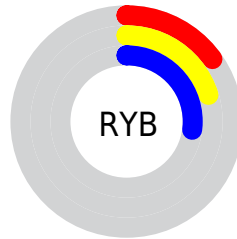
The Hex color **263D46** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **462F26**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **556C76**, and **00131B** is the 20% darker color. If you saturate the color by 10%, you get **1F3B46**, and if you desaturate by 10%, it is **2D3F46**.

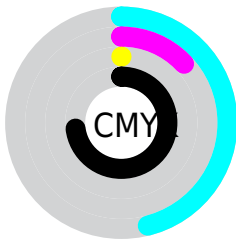
Distribution



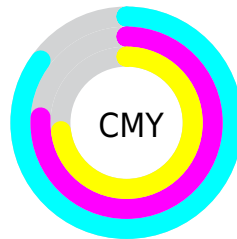
- Red (15%)
- Green (24%)
- Blue (27%)



- Red (15%)
- Yellow (20%)
- Blue (27%)



- Cyan (46%)
- Magenta (13%)
- Yellow (0%)
- Black (73%)



- Cyan (85%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 263D46 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 263D46 by changing the saturation by 10% instead.

■ 263D46

■ 263D46

FFFFFF

■ 0F2730

■ 556C76

■ 00131B

■ 6E8690

■ 000000

■ 87A0AA

■ A2BBC6

■ BDD7E2

■ D9F3FE

■ F6FFFF

■ 263D46

■ 263D46

■ 1F3B46

■ 2D3F46

■ 183946

■ 344146

■ 113746

■ 3B4346

■ 0A3546

■ 424546

■ 033346

■ 494746

■ 003246

■ 504946

■ 574B46

■ 5E4D46

■ 654F46

Harmonies

Analogous

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



243E40



263D46



2E3B49

Triad

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



263D46



48343C



393B2B

Complementary

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



263D46



462F26

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.



41392A



263D46



4A3434

Square

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



263D46



423643



47362D



303D30

Rectangle

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



263D46



353949



47362D



3C3A2B

Sweetspot

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



263D46



4F585C



26462F



262C2E



ADADAD



2E2E2E

Same Dimension

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



263D46



294E5C



262D46



202324



004763



00A3E3

Inverse Universe

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



46263D



5C294E



463F26



242023



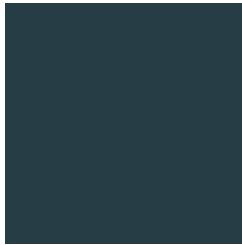
630047



E300A3

Previews

White Background



This preview shows how the Hex color 263D46 looks on a white background.

Color Contrast Check

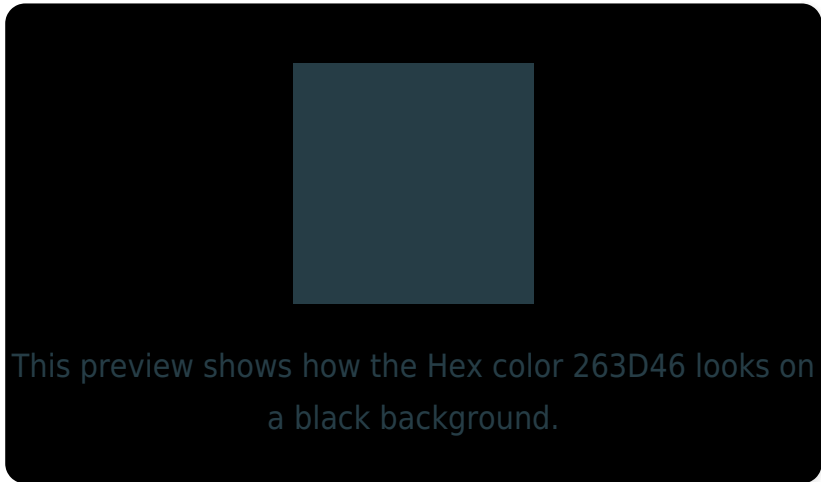
Large Text (above 18pt) WCAG AA ✓ Pass

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

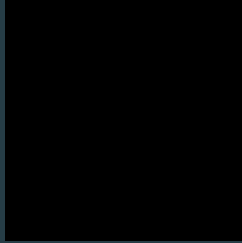
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

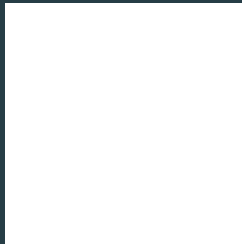
Any Text WCAG AAA × Fail

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

Hex 263D46 Background



This preview shows how black text looks on a background with the Hex color 263D46.



This preview shows how white text looks on a background with the Hex color 263D46.

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](#).

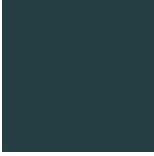
Dichromacy



Original Color
263D46

Protanopia
383943

Deuteranopia
383847



Tritanopia
253E43

Trichromacy



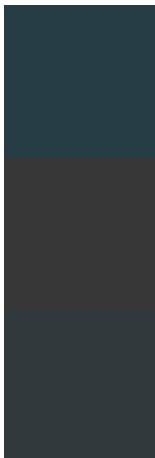
Original Color
263D46

Protanomaly
313A44

Deuteranomaly
313A47

Tritanomaly
253E44

Monochromacy



Original Color
263D46

Achromatopsia
373737

Achromatomaly
31393C

CSS Examples

Text

The CSS property to change the color of the text to Hex 263D46 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 #263D46 looks like.

```
.text, #text, p{  
    color:#263D46  
}
```

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 #263D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263D46
}
```

Border

The CSS property to change the border of an element to Hex 263D46 is called "border". The border property can be set on classes, ids or directly on the HTML element.

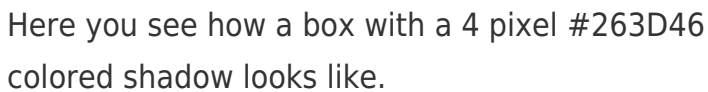
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#263D46 }
```

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

```
.border{ border-color:#263D46 }
```

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



Here you see how a box with a 4 pixel #263D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263D46; -webkit-box-shadow:4px 4px  
4px 4px #263D46; box-shadow:4px 4px 4px  
4px #263D46 }
```

Background

The CSS property to change the background color of an element to Hex 263D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263D46 }
```

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

```
.background{ background-color:#263D46 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor