

# Converting Colors

Hex(263C44)

Have a look what the booklet for  
Hex(263C44) contains.

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# Color

Hex(263C44)

# Conversions

## Conversions Part 1

Format	Color
Hex	263C44
RGB	38, 60, 68
RGB Percent	15%, 24%, 27%
CMY	0.8510, 0.7647, 0.7333
CMYK	0.44, 0.12, 0.00, 0.73
HSL	196°, 28%, 21%
HSV	196°, 44%, 27%
XYZ	3.4586, 4.0611, 6.0704
YIQ	54.3340, -15.6800, -2.1760

# Conversions

## Conversions Part 2

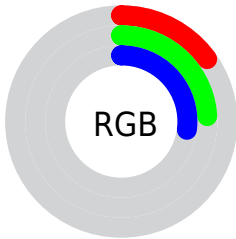
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 51, 68
Decimal	2505796
CIE Lab	23.87, -6.18, -7.66
CIE LCh	24, 9.839, 231.111
Yxy	4.0611, 0.2545, 0.2988
Android (android.graphics.Color)	4280695876 (0xFF263C44)
YUV	54.3340, 6.7373, -14.3249
Hunter-Lab	20.1523, -4.6319, -3.7532




# Details

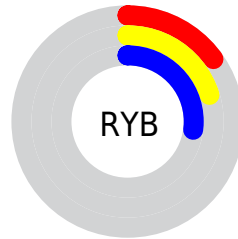
The Hex color **263C44** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **442E26**, and the grayscale version is **363636**.




A 20% lighter version of the original color is **556B74**, and **001219** is the 20% darker color. If you saturate the color by 10%, you get **1F3A44**, and if you desaturate by 10%, it is **2D3E44**.

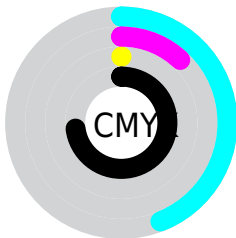
# Distribution







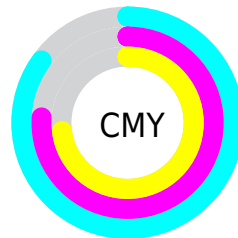
-  Red (15%)
-  Green (24%)
-  Blue (27%)






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



-  Cyan (44%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (73%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 263C44 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 263C44 by changing the saturation by 10% instead.



■ 263C44

■ 263C44

FFFFFF

■ 10262E

■ 556B74

■ 001219

■ 6D858E

■ 000000

■ 879FA8

■ A1BAC3

■ BDD5DF

■ D9F2FC

■ F5FFFF

■ 263C44

■ 263C44

■ 1F3A44

■ 2D3E44

■ 183844

■ 344044

■ 123744

■ 3A4144

■ 0B3544

■ 414344

■ 043344

■ 484544

■ 003244

■ 4F4744

■ 564944

■ 5C4B44

■ 634C44

# Harmonies

## Analogous

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



243D3E



263C44



2D3A47

# Triad

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



263C44



46343B



393A2B

# Complementary

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



263C44



442E26

# 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.



40382A



263C44



483434

# Square

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



263C44



403542



46352E



303C2F

# Rectangle

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



263C44



343947



46352E



3C392A



# Sweetspot

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



263C44



4E5659



26442E



272C2E



ADADAD



2E2E2E



# Same Dimension

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



263C44



2A4D59



262D44



1E2021



004761



00A5E0



# Inverse Universe

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



44263C



592A4D



443D26



211E20



610047

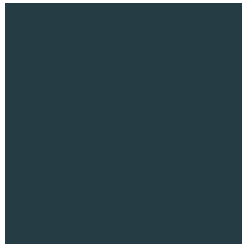


E000A5



# Previews

## White Background



This preview shows how the Hex color 263C44 looks on a white background.

## Color Contrast Check

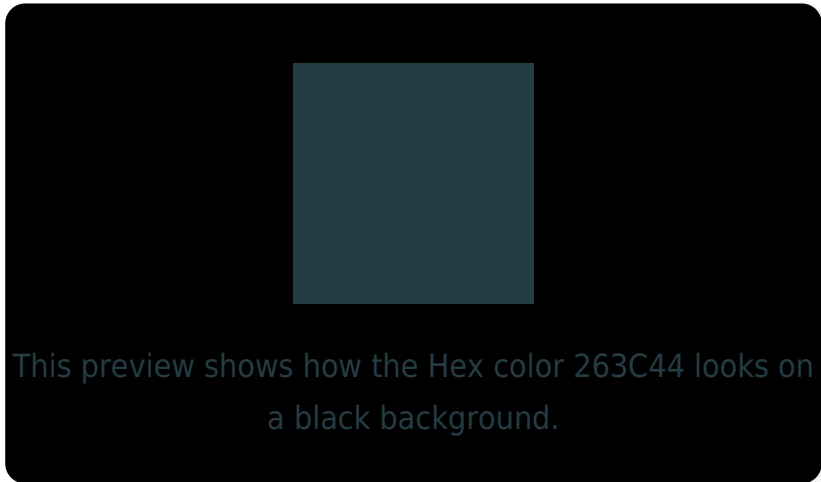
Large Text (above 18pt) WCAG AA ✓ Pass

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

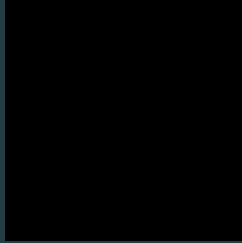
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

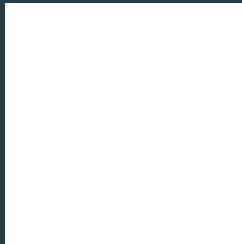
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 263C44 Background



This preview shows how black text looks on a background with the Hex color 263C44.



This preview shows how white text looks on a background with the Hex color 263C44.

# 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**  
263C44

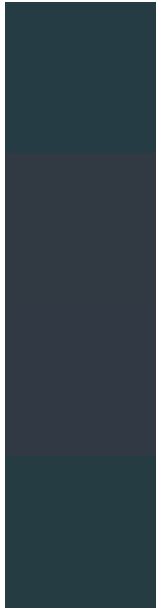
**Protanopia**  
373841

**Deuteranopia**  
383745



**Tritanopia**  
253C41

# Trichromacy



**Original Color**  
263C44

**Protanomaly**  
313942

**Deuteranomaly**  
313945

**Tritanomaly**  
253C42

# Monochromacy



**Original Color**  
263C44

**Achromatopsia**  
363636

**Achromatomaly**  
30383B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 263C44 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 #263C44 looks like.

```
.text, #text, p{  
    color:#263C44  
}
```

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 #263C44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263C44
}
```

## Border

The CSS property to change the border of an element to Hex 263C44 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
#263C44 }
```

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

```
.border{ border-color:#263C44 }
```

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

Here you see how a box with a 4 pixel #263C44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263C44; -webkit-box-shadow:4px 4px  
4px 4px #263C44; box-shadow:4px 4px 4px  
4px #263C44 }
```

# Background

The CSS property to change the background color of an element to Hex 263C44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263C44 }
```

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

```
.background{ background-color:#263C44 }
```

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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