

Converting Colors

Hex(243C42)

Have a look what the booklet for
Hex(243C42) contains.

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Color

Hex(243C42)

Conversions

Conversions Part 1

Format	Color
Hex	243C42
RGB	36, 60, 66
RGB Percent	14%, 24%, 26%
CMY	0.8588, 0.7647, 0.7412
CMYK	0.45, 0.09, 0.00, 0.74
HSL	192°, 29%, 20%
HSV	192°, 45%, 26%
XYZ	3.3268, 4.0001, 5.7510
YIQ	53.5080, -16.2300, -3.2220

Conversions

Conversions Part 2

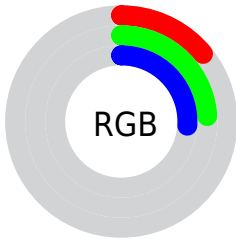
Format	Color
RYB	36, 49, 66
Decimal	2374722
CIELab	23.67, -7.44, -6.64
CIElCh	24, 9.975, 221.733
Yxy	4.0001, 0.2544, 0.3059
Android (android.graphics.Color)	4280564802 (0xFF243C42)
YUV	53.5080, 6.1586, -15.3545
Hunter-Lab	20.0003, -5.3095, -3.0484

Details

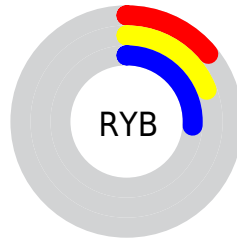
The Hex color **243C42** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **422A24**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **536B72**, and **001218** is the 20% darker color. If you saturate the color by 10%, you get **1D3B42**, and if you desaturate by 10%, it is **2B3D42**.

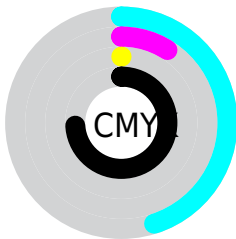
Distribution



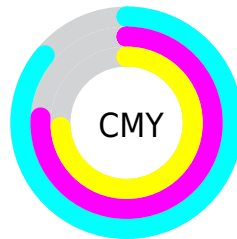
- Red (14%)
- Green (24%)
- Blue (26%)



- Red (14%)
- Yellow (19%)
- Blue (26%)



- Cyan (45%)
- Magenta (9%)
- Yellow (0%)
- Black (74%)



- Cyan (86%)
- Magenta (76%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243C42 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 243C42 by changing the saturation by 10% instead.

■ 243C42

■ 243C42

FFFFFF

■ 0E262C

■ 536B72

■ 001218

■ 6B858B

■ 000000

■ 859FA6

■ 9FBAC1

■ BAD5DD

■ D6F2F9

■ F3FFFF

■ 243C42

■ 243C42

■ 1D3B42

■ 2B3D42

■ 173942

■ 313F42

■ 103842

■ 384042

■ 0A3742

■ 3E4142

■ 033542

■ 454342

■ 003542

■ 4C4442

■ 524542

■ 594742

■ 5F4842

Harmonies

Analogous

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



253D3B



243C42



2A3A46

Triad

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



243C42



44343D



3B392A

Complementary

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



243C42



422A24

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.



42362A



243C42



483336

Square

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



243C42



3D3544



47342F



333B2D

Rectangle

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



243C42



303947



47342F



3E3829

Sweetspot

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



243C42



4B5457



24422A



242A2B



ABABAB



2B2B2B

Same Dimension

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



243C42



274D57



242D42



1E2021



004E61



00B4E0

Inverse Universe

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



42243C



57274D



423924



211E20



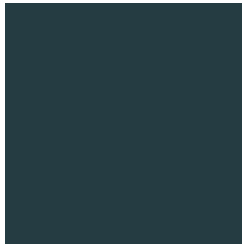
61004E



E000B4

Previews

White Background



This preview shows how the Hex color 243C42 looks on a white background.

Color Contrast Check

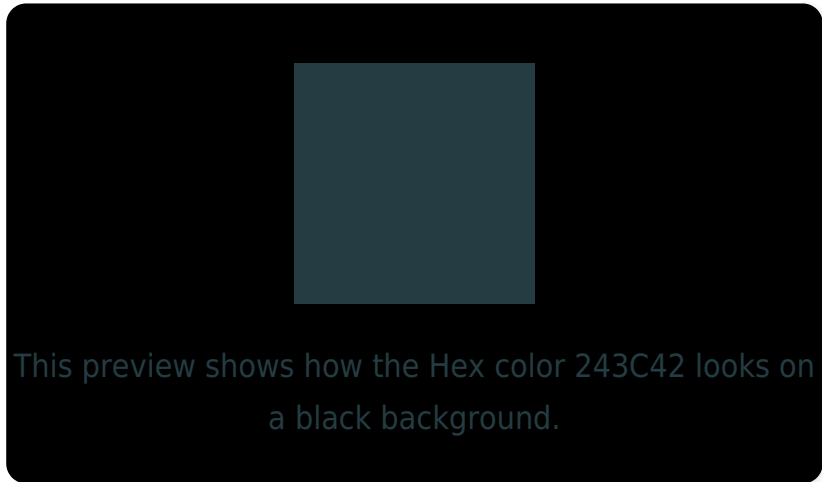
Large Text (above 18pt) WCAG AA ✓ Pass

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

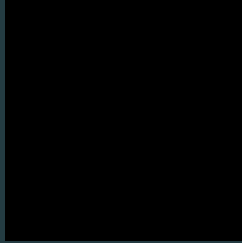
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

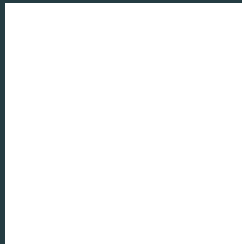
Any Text WCAG AAA × Fail

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

Hex 243C42 Background



This preview shows how black text looks on a background with the Hex color 243C42.



This preview shows how white text looks on a background with the Hex color 243C42.

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
243C42

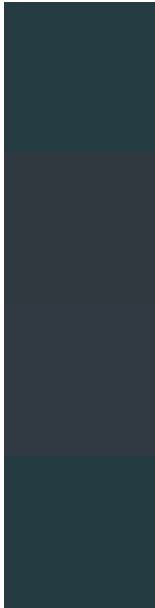
Protanopia
37383F

Deuteranopia
383743



Tritanopia
243C41

Trichromacy



Original Color
243C42

Protanomaly
303940

Deuteranomaly
313943

Tritanomaly
243C41

Monochromacy



Original Color
243C42

Achromatopsia
363636

Achromatomaly
2F383A

CSS Examples

Text

The CSS property to change the color of the text to Hex 243C42 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 #243C42 looks like.

```
.text, #text, p{  
    color:#243C42  
}
```

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 #243C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243C42
}
```

Border

The CSS property to change the border of an element to Hex 243C42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

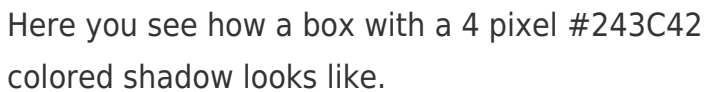
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#243C42 }
```

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

```
.border{ border-color:#243C42 }
```

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



Here you see how a box with a 4 pixel #243C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243C42; -webkit-box-shadow:4px 4px  
4px 4px #243C42; box-shadow:4px 4px 4px  
4px #243C42 }
```

Background

The CSS property to change the background color of an element to Hex 243C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243C42 }
```

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

```
.background{ background-color:#243C42 }
```

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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