

Converting Colors

Hex(243D42)

Have a look what the booklet for
Hex(243D42) contains.

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Color

Hex(243D42)

Conversions

Conversions Part 1

Format	Color
Hex	243D42
RGB	36, 61, 66
RGB Percent	14%, 24%, 26%
CMY	0.8588, 0.7608, 0.7412
CMYK	0.45, 0.08, 0.00, 0.74
HSL	190°, 29%, 20%
HSV	190°, 45%, 26%
XYZ	3.3797, 4.1059, 5.7686
YIQ	54.0950, -16.5050, -3.7450

Conversions

Conversions Part 2

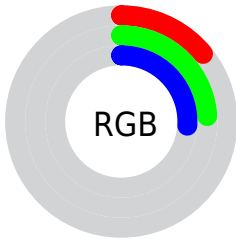
Format	Color
RYB	36, 50, 66
Decimal	2374978
CIELab	24.02, -8.08, -6.12
CIElCh	24, 10.132, 217.151
Yxy	4.1059, 0.2550, 0.3098
Android (android.graphics.Color)	4280565058 (0xFF243D42)
YUV	54.0950, 5.8692, -15.8693
Hunter-Lab	20.2630, -5.6883, -2.6951

Details

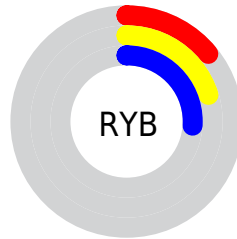
The Hex color **243D42** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **422924**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **536C72**, and **001318** is the 20% darker color. If you saturate the color by 10%, you get **1D3C42**, and if you desaturate by 10%, it is **2B3E42**.

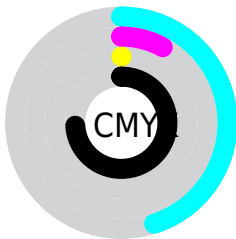
Distribution



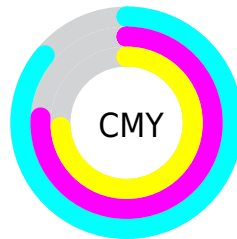
- Red (14%)
- Green (24%)
- Blue (26%)



- Red (14%)
- Yellow (20%)
- Blue (26%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (74%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 243D42 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 243D42 by changing the saturation by 10% instead.

■ 243D42

■ 243D42

FFFFFF

■ 0D272C

■ 536C72

■ 001318

■ 6B868B

■ 000000

■ 85A0A6

■ 9FBBC1

■ BAD7DD

■ D6F3F9

■ F3FFFF

■ 243D42

■ 243D42

■ 1D3C42

■ 2B3E42

■ 173B42

■ 313F42

■ 103A42

■ 384042

■ 0A3942

■ 3E4142

■ 033742

■ 454342

■ 003742

■ 4C4442

■ 524542

■ 594642

■ 5F4742

Harmonies

Analogous

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



263D3B



243D42



293B47

Triad

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



243D42



45343F



3D392A

Complementary

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



243D42



422924

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.



44372B



243D42



483438

Square

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



243D42



3D3745



483530



353B2D

Rectangle

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



243D42



2F3A48



483530



40382A

Sweetspot

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



243D42



4B5557



244229



242A2B



ABABAB



2B2B2B

Same Dimension

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



243D42



274F57



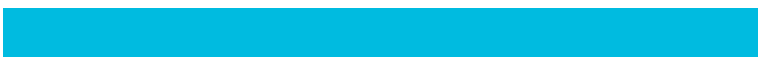
242E42



1E2121



005161



00BBE0

Inverse Universe

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



42243D



57274F



423824



211E21



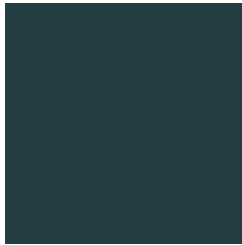
610051



E000BB

Previews

White Background



This preview shows how the Hex color 243D42 looks on a white background.

Color Contrast Check

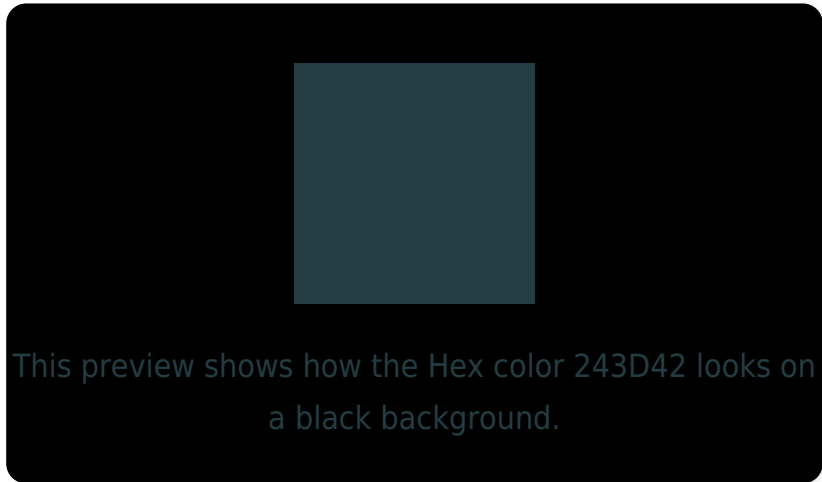
Large Text (above 18pt) WCAG AA ✓ Pass

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

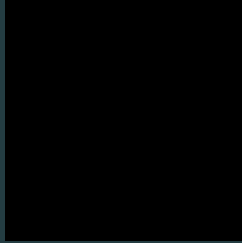
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

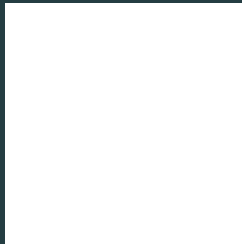
Any Text WCAG AAA × Fail

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

Hex 243D42 Background



This preview shows how black text looks on a background with the Hex color 243D42.

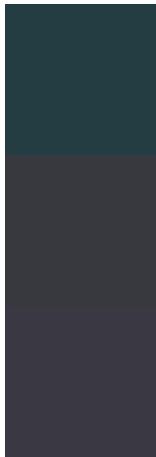


This preview shows how white text looks on a background with the Hex color 243D42.

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
243D42

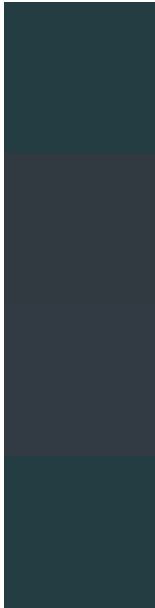
Protanopia
38393F

Deuteranopia
3A3843



Tritanopia
243D42

Trichromacy



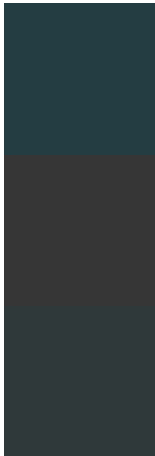
Original Color
243D42

Protanomaly
313A40

Deuteranomaly
323A43

Tritanomaly
243D42

Monochromacy



Original Color
243D42

Achromatopsia
363636

Achromatomaly
2F393A

CSS Examples

Text

The CSS property to change the color of the text to Hex 243D42 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 #243D42 looks like.

```
.text, #text, p{  
    color:#243D42  
}
```

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 #243D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243D42
}
```

Border

The CSS property to change the border of an element to Hex 243D42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

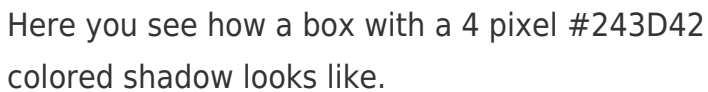
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#243D42 }
```

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

```
.border{ border-color:#243D42 }
```

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



Here you see how a box with a 4 pixel #243D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243D42; -webkit-box-shadow:4px 4px  
4px 4px #243D42; box-shadow:4px 4px 4px  
4px #243D42 }
```

Background

The CSS property to change the background color of an element to Hex 243D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243D42 }
```

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

```
.background{ background-color:#243D42 }
```

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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