

Converting Colors

Hex(243B49)

Have a look what the booklet for
Hex(243B49) contains.

Hex(243B49)	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(243B49)

Conversions

Conversions Part 1

Format	Color
Hex	243B49
RGB	36, 59, 73
RGB Percent	14%, 23%, 29%
CMY	0.8588, 0.7686, 0.7137
CMYK	0.51, 0.19, 0.00, 0.71
HSL	203°, 34%, 21%
HSV	203°, 51%, 29%
XYZ	3.4941, 3.9840, 6.8882
YIQ	53.7190, -18.2020, -0.5220

Conversions

Conversions Part 2

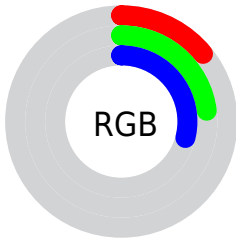
Format	Color
R_{YB}	36, 50, 73
Decimal	2374473
CIE Lab	23.62, -4.52, -11.38
CIE LCh	24, 12.247, 248.358
Yxy	3.9840, 0.2432, 0.2773
Android (android.graphics.Color)	4280564553 (0xFF243B49)
YUV	53.7190, 9.5055, -15.5396
Hunter-Lab	19.9601, -3.6827, -6.4888

Details

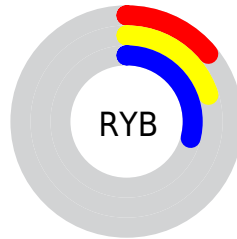
The Hex color **243B49** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **493224**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **536A7A**, and **00111D** is the 20% darker color. If you saturate the color by 10%, you get **1D3849**, and if you desaturate by 10%, it is **2B3E49**.

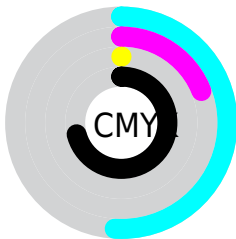
Distribution



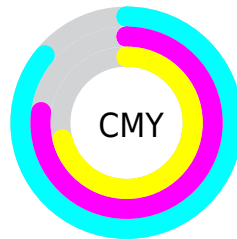
- Red (14%)
- Green (23%)
- Blue (29%)



- Red (14%)
- Yellow (20%)
- Blue (29%)



- Cyan (51%)
- Magenta (19%)
- Yellow (0%)
- Black (71%)



- Cyan (86%)
- Magenta (77%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243B49 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 243B49 by changing the saturation by 10% instead.

■ 243B49

■ 243B49

FFFFFF

■ 0D2532

■ 536A7A

■ 00111D

■ 6C8393

■ 000001

■ 869DAE

■ 000000

■ A0B8C9

■ BBD4E5

■ D7F0FF

■ F4FFFF

■ 243B49

■ 243B49

■ 1D3849

■ 2B3E49

■ 153549

■ 334149

■ 0E3349

■ 3A4349

■ 073049

■ 414649

■ 002D49

■ 494949

■ 504C49

■ 574E49

■ 5E5149

■ 665449

Harmonies

Analogous

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



1D3D43



243B49



30384A

Triad

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



243B49



4B3236



323B2A

Complementary

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



243B49



493224

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.



3C3826



243B49



4A332D

Square

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



243B49



46323F



453527



283D31

Rectangle

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



243B49



393648



453527



363A28

Sweetspot

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



243B49



50595E



244932



282D30



B0B0B0



303030

Same Dimension

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



243B49



25495E



242949



202224



003E63



008DE3

Inverse Universe

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



49243B



5E2549



494424



242022



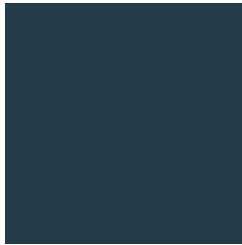
63003E



E3008D

Previews

White Background



This preview shows how the Hex color 243B49 looks on a white background.

Color Contrast Check

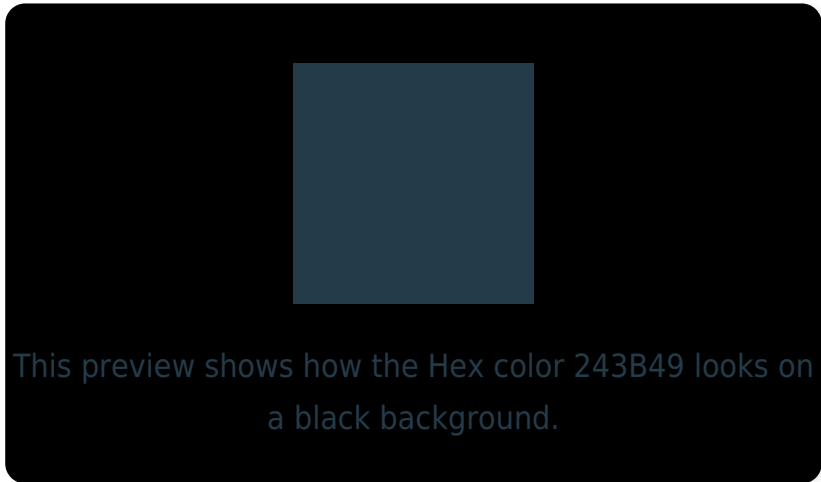
Large Text (above 18pt) WCAG AA ✓ Pass

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

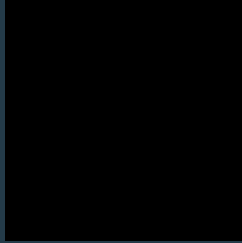
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

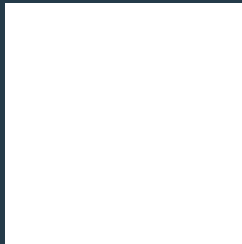
Any Text WCAG AAA × Fail

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

Hex 243B49 Background



This preview shows how black text looks on a background with the Hex color 243B49.



This preview shows how white text looks on a background with the Hex color 243B49.

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
243B49

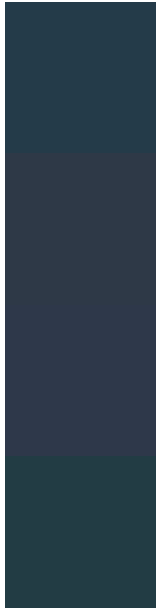
Protanopia
343846

Deuteranopia
34374A



Tritanopia
213C41

Trichromacy



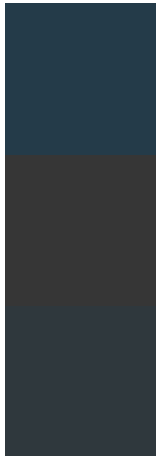
Original Color
243B49

Protanomaly
2E3947

Deuteranomaly
2E384A

Tritanomaly
223C44

Monochromacy



Original Color
243B49

Achromatopsia
363636

Achromatomaly
2F383D

CSS Examples

Text

The CSS property to change the color of the text to Hex 243B49 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 #243B49 looks like.

```
.text, #text, p{  
    color:#243B49  
}
```

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 #243B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243B49
}
```

Border

The CSS property to change the border of an element to Hex 243B49 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
#243B49 }
```

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

```
.border{ border-color:#243B49 }
```

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

Here you see how a box with a 4 pixel #243B49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243B49; -webkit-box-shadow:4px 4px  
4px 4px #243B49; box-shadow:4px 4px 4px  
4px #243B49 }
```

Background

The CSS property to change the background color of an element to Hex 243B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243B49 }
```

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

```
.background{ background-color:#243B49 }
```

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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