

Converting Colors

Hex(243D4C)

Have a look what the booklet for
Hex(243D4C) contains.

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Color

Hex(243D4C)

Conversions

Conversions Part 1

Format	Color
Hex	243D4C
RGB	36, 61, 76
RGB Percent	14%, 24%, 30%
CMY	0.8588, 0.7608, 0.7020
CMYK	0.53, 0.20, 0.00, 0.70
HSL	202°, 36%, 22%
HSV	202°, 53%, 30%
XYZ	3.7008, 4.2344, 7.4597
YIQ	55.2350, -19.7150, -0.6350

Conversions

Conversions Part 2

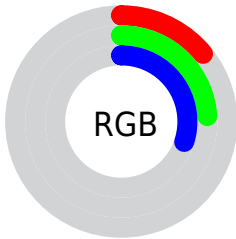
Format	Color
RYB	36, 51, 76
Decimal	2374988
CIELab	24.43, -4.81, -12.13
CIELCh	24, 13.045, 248.385
Yxy	4.2344, 0.2404, 0.2750
Android (android.graphics.Color)	4280565068 (0xFF243D4C)
YUV	55.2350, 10.2371, -16.8691
Hunter-Lab	20.5776, -3.9081, -7.0894

Details

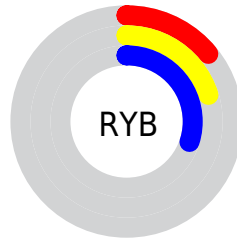
The Hex color **243D4C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C3324**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **546C7D**, and **001320** is the 20% darker color. If you saturate the color by 10%, you get **1C3A4C**, and if you desaturate by 10%, it is **2C404C**.

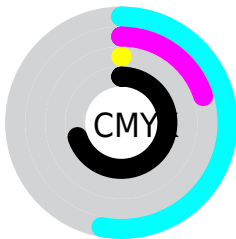
Distribution



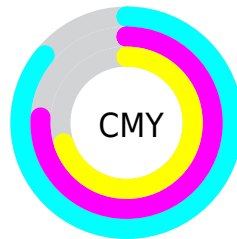
- Red (14%)
- Green (24%)
- Blue (30%)



- Red (14%)
- Yellow (20%)
- Blue (30%)



- Cyan (53%)
- Magenta (20%)
- Yellow (0%)
- Black (70%)



- Cyan (86%)
- Magenta (76%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243D4C 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 243D4C by changing the saturation by 10% instead.

■ 243D4C

■ 243D4C

FFFFFF

■ 0C2735

■ 546C7D

■ 001320

■ 6D8697

■ 000006

■ 86A0B1

■ 000000

■ A1BBCD

■ BCD6E9

■ D8F3FF

■ F5FFFF

■ 243D4C

■ 243D4C

■ 1C3A4C

■ 2C404C

■ 15374C

■ 33434C

■ 0D344C

■ 3B464C

■ 06324C

■ 42484C

■ 00304C

■ 4A4B4C

■ 524E4C

■ 59514C

■ 61544C

■ 68574C

Harmonies

Analogous

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



1C3F46



243D4C



323A4D

Triad

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



243D4C



4E3338



333D2A

Complementary

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



243D4C



4C3324

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.



3E3A27



243D4C



4D342E

Square

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



243D4C



493441



473728



283F33

Rectangle

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



243D4C



3B384B



473728



373C29

Sweetspot

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



243D4C



545D63



244C33



292F33



B3B3B3



333333

Same Dimension

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



243D4C



254C63



24294C



222526



004066



008FE6

Inverse Universe

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



4C243D



63254C



4C4724



262225



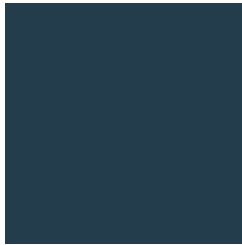
660040



E6008F

Previews

White Background



This preview shows how the Hex color 243D4C looks on a white background.

Color Contrast Check

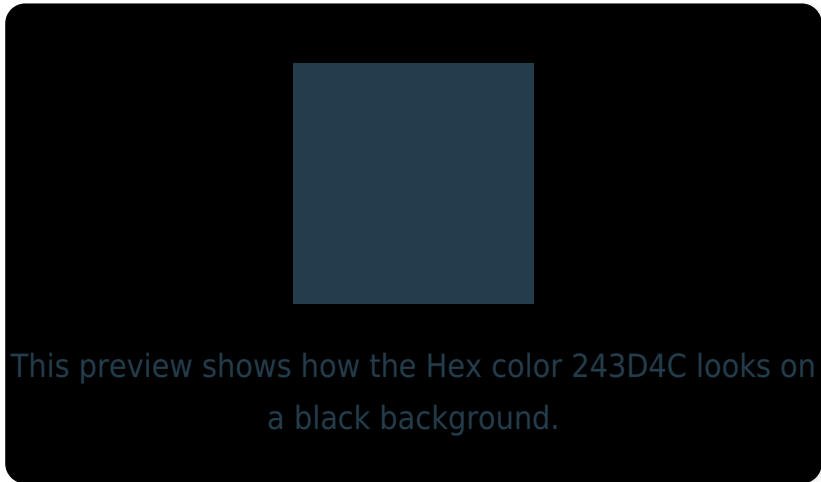
Large Text (above 18pt) WCAG AA ✓ Pass

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

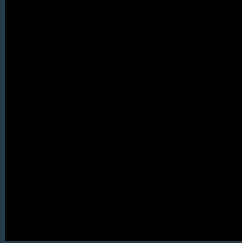
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

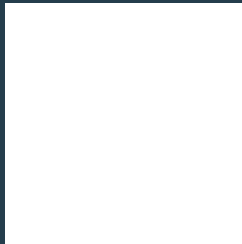
Any Text WCAG AAA × Fail

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

Hex 243D4C Background



This preview shows how black text looks on a background with the Hex color 243D4C.



This preview shows how white text looks on a background with the Hex color 243D4C.

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
243D4C

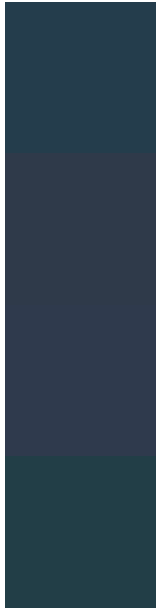
Protanopia
363949

Deuteranopia
35394D



Tritanopia
213E44

Trichromacy



Original Color
243D4C

Protanomaly
2F3A4A

Deuteranomaly
2F3A4D

Tritanomaly
223E47

Monochromacy



Original Color
243D4C

Achromatopsia
373737

Achromatomaly
30393F

CSS Examples

Text

The CSS property to change the color of the text to Hex 243D4C 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 #243D4C looks like.

```
.text, #text, p{  
    color:#243D4C  
}
```

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 #243D4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243D4C
}
```

Border

The CSS property to change the border of an element to Hex 243D4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

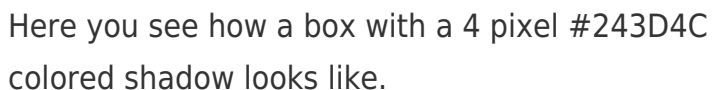
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#243D4C }
```

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

```
.border{ border-color:#243D4C }
```

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



Here you see how a box with a 4 pixel #243D4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243D4C; -webkit-box-shadow:4px 4px  
4px 4px #243D4C; box-shadow:4px 4px 4px  
4px #243D4C }
```

Background

The CSS property to change the background color of an element to Hex 243D4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243D4C }
```

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

```
.background{ background-color:#243D4C }
```

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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