

Converting Colors

Hex(243A52)

Have a look what the booklet for
Hex(243A52) contains.

Hex(243A52)	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(243A52)

Conversions

Conversions Part 1

Format	Color
Hex	243A52
RGB	36, 58, 82
RGB Percent	14%, 23%, 32%
CMY	0.8588, 0.7725, 0.6784
CMYK	0.56, 0.29, 0.00, 0.68
HSL	211°, 39%, 23%
HSV	211°, 56%, 32%
XYZ	3.7636, 4.0104, 8.5584
YIQ	54.1580, -20.8160, 2.8000

Conversions

Conversions Part 2

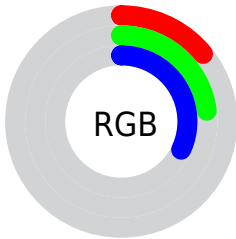
Format	Color
R_{YB}	36, 51, 82
Decimal	2374226
CIE Lab	23.71, -0.72, -17.21
CIE LCh	24, 17.229, 267.593
Yxy	4.0104, 0.2304, 0.2455
Android (android.graphics.Color)	4280564306 (0xFF243A52)
YUV	54.1580, 13.7261, -15.9246
Hunter-Lab	20.0259, -1.4987, -11.3203

Details

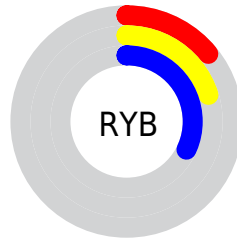
The Hex color **243A52** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **523C24**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **546984**, and **000F25** is the 20% darker color. If you saturate the color by 10%, you get **1C3652**, and if you desaturate by 10%, it is **2C3E52**.

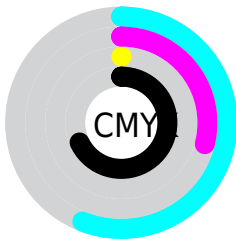
Distribution



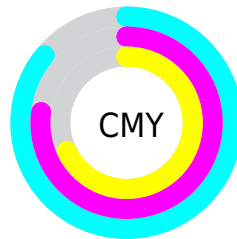
- Red (14%)
- Green (23%)
- Blue (32%)



- Red (14%)
- Yellow (20%)
- Blue (32%)



- Cyan (56%)
- Magenta (29%)
- Yellow (0%)
- Black (68%)



- Cyan (86%)
- Magenta (77%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243A52 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 243A52 by changing the saturation by 10% instead.

■ 243A52

■ 243A52

FFFFFF

■ 0B253B

■ 546984

■ 000F25

■ 6D829E

■ 00010F

■ 879CB9

■ 000000

■ A2B7D4

■ BDD2F1

■ D9EFFF

■ F6FFFF

■ 243A52

■ 243A52

■ 1C3652

■ 2C3E52

■ 143152

■ 344352

■ 0B2D52

■ 3D4752

■ 032952

■ 454B52

■ 002752

■ 4D4F52

■ 555452

■ 5D5852

■ 665C52

■ 6E6152

Harmonies

Analogous

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



0D3D4E



243A52



38354F

Triad

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



243A52



512F2D



253E2A

Complementary

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



243A52



523C24

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.



353B21



243A52



4C3323

Square

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



243A52



502E3A



42371E



143F37

Rectangle

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



243A52



43324A



42371E



2B3D27

Sweetspot

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



243A52



59626B



24523C



2B3036



B5B5B5



363636

Same Dimension

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



243A52



23466B



252452



252729



003269



006FE8

Inverse Universe

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



52243A



6B2346



515224



292527



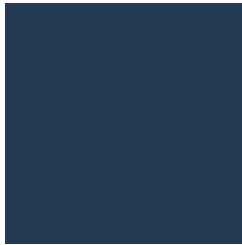
690032



E8006F

Previews

White Background



This preview shows how the Hex color 243A52 looks on a white background.

Color Contrast Check

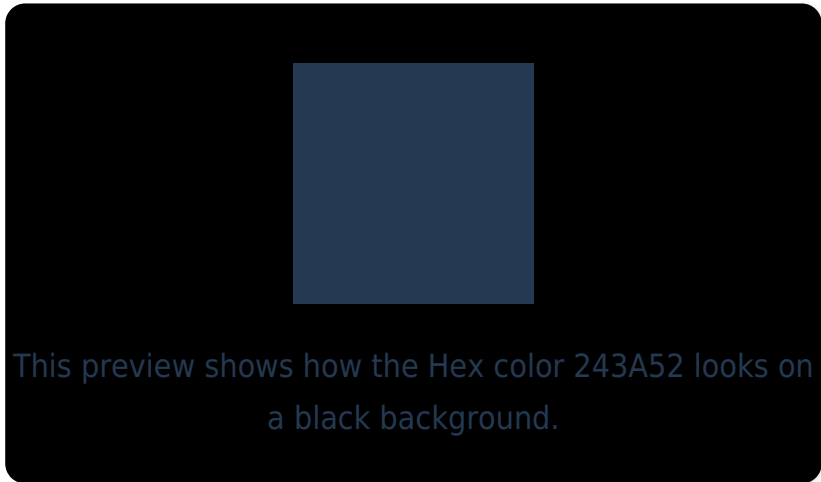
Large Text (above 18pt) WCAG AA ✓ Pass

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

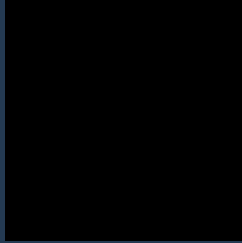
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

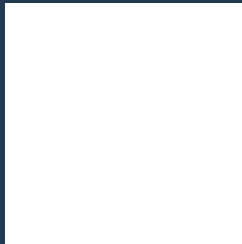
Any Text WCAG AAA × Fail

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

Hex 243A52 Background



This preview shows how black text looks on a background with the Hex color 243A52.



This preview shows how white text looks on a background with the Hex color 243A52.

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
243A52

Protanopia
313850

Deuteranopia
2D3852



Tritanopia
1E3D42

Trichromacy



Original Color

243A52

Protanomaly

2C3951

Deuteranomaly

2A3952

Tritanomaly

203C48

Monochromacy



Original Color

243A52

Achromatopsia

363636

Achromatomaly

2F3740

CSS Examples

Text

The CSS property to change the color of the text to Hex 243A52 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 #243A52 looks like.

```
.text, #text, p{  
    color:#243A52  
}
```

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 #243A52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243A52
}
```

Border

The CSS property to change the border of an element to Hex 243A52 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
#243A52 }
```

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

```
.border{ border-color:#243A52 }
```

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

Here you see how a box with a 4 pixel #243A52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243A52; -webkit-box-shadow:4px 4px  
4px 4px #243A52; box-shadow:4px 4px 4px  
4px #243A52 }
```

Background

The CSS property to change the background color of an element to Hex 243A52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243A52 }
```

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

```
.background{ background-color:#243A52 }
```

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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