

Converting Colors

Hex(243A5E)

Have a look what the booklet for
Hex(243A5E) contains.

Hex(243A5E)	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(243A5E)

Conversions

Conversions Part 1

Format	Color
Hex	243A5E
RGB	36, 58, 94
RGB Percent	14%, 23%, 37%
CMY	0.8588, 0.7725, 0.6314
CMYK	0.62, 0.38, 0.00, 0.63
HSL	217°, 45%, 25%
HSV	217°, 62%, 37%
XYZ	4.2610, 4.2093, 11.1776
YIQ	55.5260, -24.6680, 6.5320

Conversions

Conversions Part 2

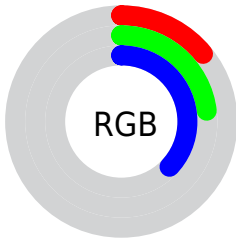
Format	Color
RYB	36, 52, 94
Decimal	2374238
CIELab	24.35, 3.69, -24.07
CIELCh	24, 24.356, 278.716
Yxy	4.2093, 0.2169, 0.2142
Android (android.graphics.Color)	4280564318 (0xFF243A5E)
YUV	55.5260, 18.9677, -17.1243
Hunter-Lab	20.5167, 1.1675, -17.9398




Details

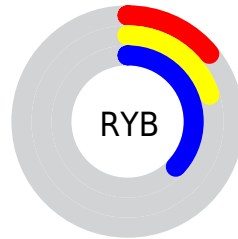
The Hex color **243A5E** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5E4824**, and the grayscale version is **373737**.




A 20% lighter version of the original color is **566991**, and **000F30** is the 20% darker color. If you saturate the color by 10%, you get **1B345E**, and if you desaturate by 10%, it is **2D405E**.

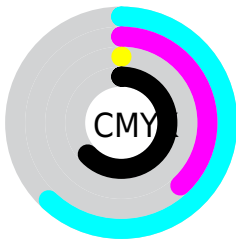
Distribution







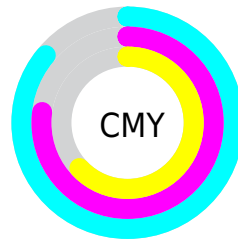
-  Red (14%)
-  Green (23%)
-  Blue (37%)






-  Red (14%)
-  Yellow (20%)
-  Blue (37%)



-  Cyan (62%)
-  Magenta (38%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (86%)
-  Magenta (77%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243A5E 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 243A5E by changing the saturation by 10% instead.

■ 243A5E

■ 243A5E

FFFFFF

■ 072546

■ 566991

■ 000F30

■ 7082AB

■ 00011A

■ 8A9CC7

■ 000000

■ A5B7E3

■ C1D2FF

■ DDEFFF

■ FAFFFF

■ 243A5E

■ 243A5E

■ 1B345E

■ 2D405E

■ 112E5E

■ 37465E

■ 08285E

■ 404C5E

■ 00245E

■ 4A515E

■ 53575E

■ 5C5D5E

■ 66635E

■ 6F695E

■ 796F5E

Harmonies

Analogous

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



003F5C



243A5E



423357

Triad

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



243A5E



5A2E24



10422C

Complementary

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



243A5E



5E4824

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.



2C3F1C



243A5E



4F3417

Square

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



243A5E



5C2A35



3F3B14



00433F

Rectangle

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



243A5E



502E4D



3F3B14



1B4126

Sweetspot

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



243A5E



636C7A



245E48



2F343D



BDBDBD



3D3D3D

Same Dimension

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



243A5E



20427A



2B245E



292B2E



002A6E



005AED

Inverse Universe

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



5E243A



7A2042



575E24



2E292B



6E002A



ED005A

Previews

White Background



This preview shows how the Hex color 243A5E looks on a white background.

Color Contrast Check

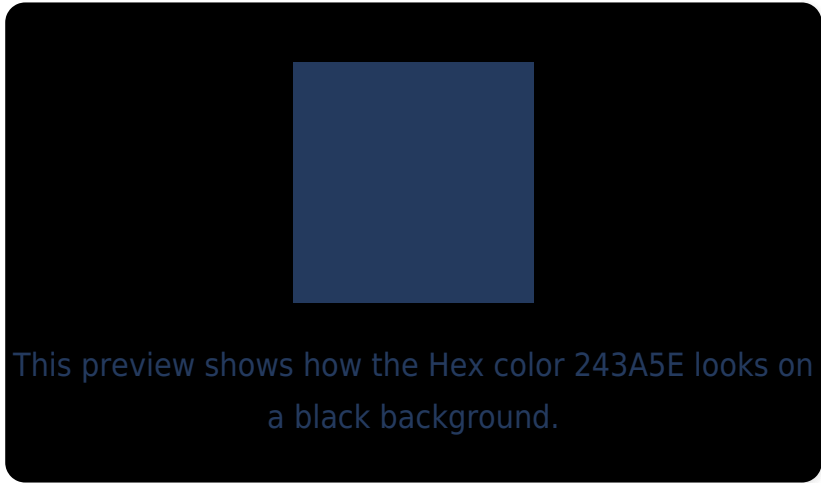
Large Text (above 18pt) WCAG AA ✓ Pass

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 243A5E Background



This preview shows how black text looks on a background with the Hex color 243A5E.



This preview shows how white text looks on a background with the Hex color 243A5E.

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
243A5E

Protanopia
2C395D

Deuteranopia
243A5E



Tritanopia
183F44

Trichromacy



Original Color
243A5E

Protanomaly
29395D

Deuteranomaly
243A5E

Tritanomaly
1C3D4D

Monochromacy



Original Color
243A5E

Achromatopsia
383838

Achromatomaly
313946

CSS Examples

Text

The CSS property to change the color of the text to Hex 243A5E 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 #243A5E looks like.

```
.text, #text, p{  
    color:#243A5E  
}
```

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 #243A5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243A5E
}
```

Border

The CSS property to change the border of an element to Hex 243A5E 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
#243A5E }
```

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

```
.border{ border-color:#243A5E }
```

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

Here you see how a box with a 4 pixel #243A5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243A5E; -webkit-box-shadow:4px 4px  
4px 4px #243A5E; box-shadow:4px 4px 4px  
4px #243A5E }
```

Background

The CSS property to change the background color of an element to Hex 243A5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243A5E }
```

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

```
.background{ background-color:#243A5E }
```

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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