

Converting Colors

Hex(243F66)

Have a look what the booklet for
Hex(243F66) contains.

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Color

Hex(243F66)

Conversions

Conversions Part 1

Format	Color
Hex	243F66
RGB	36, 63, 102
RGB Percent	14%, 25%, 40%
CMY	0.8588, 0.7529, 0.6000
CMYK	0.65, 0.38, 0.00, 0.60
HSL	215°, 48%, 27%
HSV	215°, 65%, 40%
XYZ	4.9033, 4.8894, 13.2557
YIQ	59.3730, -28.6110, 6.4050

Conversions

Conversions Part 2

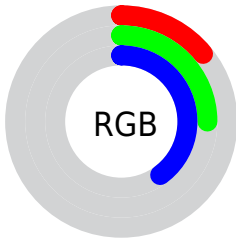
Format	Color
R_{YB}	36, 55, 102
Decimal	2375526
CIE Lab	26.42, 3.30, -25.99
CIE LCh	26, 26.199, 277.234
Yxy	4.8894, 0.2127, 0.2121
Android (android.graphics.Color)	4280565606 (0xFF243F66)
YUV	59.3730, 21.0151, -20.4981
Hunter-Lab	22.1120, 0.8865, -20.0648

Details

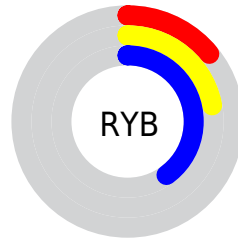
The Hex color **243F66** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **664B24**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **576E99**, and **001537** is the 20% darker color. If you saturate the color by 10%, you get **1A3966**, and if you desaturate by 10%, it is **2E4566**.

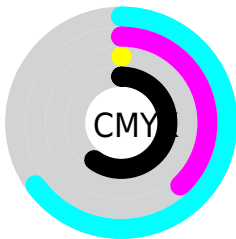
Distribution



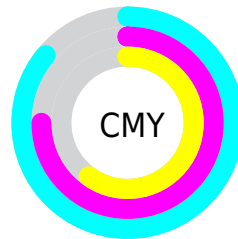
- Red (14%)
- Green (25%)
- Blue (40%)



- Red (14%)
- Yellow (22%)
- Blue (40%)



- Cyan (65%)
- Magenta (38%)
- Yellow (0%)
- Black (60%)



- Cyan (86%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243F66 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 243F66 by changing the saturation by 10% instead.



243F66



243F66

FFFFFF



04294E



576E99



001537



7188B4



000221



8CA2D0



000006



A7BDEC



000000



C3D8FF



DFF5FF



FCFFFF



243F66



243F66

■ 1A3966

■ 2E4566

■ 103366

■ 384B66

■ 052D66

■ 435166

■ 002A66

■ 4D5766

■ 575D66

■ 616366

■ 6B6966

■ 766F66

■ 807566

Harmonies

Analogous

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



004563



243F66



46375E

Triad

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



243F66



613127



13472E

Complementary

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



243F66



664B24

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.



30441D



243F66



563819

Square

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



243F66



642D3A



453F15



004943

Rectangle

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



243F66



553254



453F15



1F4728

Sweetspot

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



243F66



6B7685



24664B



333942



C2C2C2



424242

Same Dimension

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



243F66



1D4785



2A2466



2E3033



002F73



0063F2

Inverse Universe

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



66243F



851D47



616624



332E30



73002F



F20063

Previews

White Background



This preview shows how the Hex color 243F66 looks on a white background.

Color Contrast Check

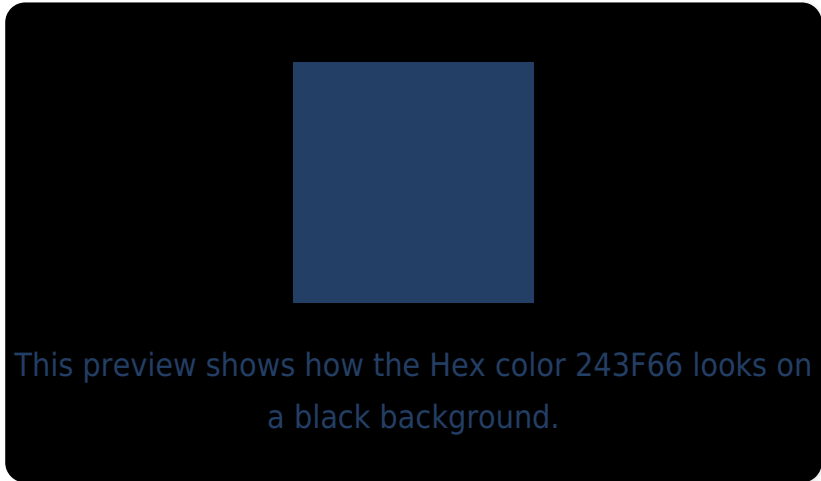
Large Text (above 18pt) WCAG AA ✓ Pass

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 243F66 Background



This preview shows how black text looks on a background with the Hex color 243F66.



This preview shows how white text looks on a background with the Hex color 243F66.

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](#).

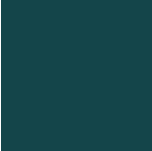
Dichromacy



Original Color
243F66

Protanopia
2F3D64

Deuteranopia
263F66



Tritanopia
14454A

Trichromacy



Original Color

243F66

Protanomaly

2B3E65

Deuteranomaly

253F66

Tritanomaly

1A4354

Monochromacy



Original Color

243F66

Achromatopsia

3B3B3B

Achromatomaly

333C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 243F66 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 #243F66 looks like.

```
.text, #text, p{  
    color:#243F66  
}
```

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 #243F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243F66  
}
```

Border

The CSS property to change the border of an element to Hex 243F66 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  
#243F66 }
```

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

```
.border{ border-color:#243F66 }
```

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

Here you see how a box with a 4 pixel #243F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243F66; -webkit-box-shadow:4px 4px  
4px 4px #243F66; box-shadow:4px 4px 4px  
4px #243F66 }
```

Background

The CSS property to change the background color of an element to Hex 243F66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243F66 }
```

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

```
.background{ background-color:#243F66 }
```

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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