

Converting Colors

Hex(243D75)

Have a look what the booklet for
Hex(243D75) contains.

Hex(243D75)	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(243D75)

Conversions

Conversions Part 1

Format	Color
Hex	243D75
RGB	36, 61, 117
RGB Percent	14%, 24%, 46%
CMY	0.8588, 0.7608, 0.5412
CMYK	0.69, 0.48, 0.00, 0.54
HSL	221°, 53%, 30%
HSV	221°, 69%, 46%
XYZ	5.6072, 4.9969, 17.4986
YIQ	59.9090, -32.8760, 12.1160

Conversions

Conversions Part 2

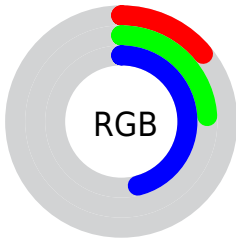
Format	Color
RYB	36, 55, 117
Decimal	2375029
CIELab	26.73, 10.48, -35.07
CIELCh	27, 36.604, 286.636
Yxy	4.9969, 0.1995, 0.1778
Android (android.graphics.Color)	4280565109 (0xFF243D75)
YUV	59.9090, 28.1459, -20.9682
Hunter-Lab	22.3538, 5.6556, -30.7647

Details

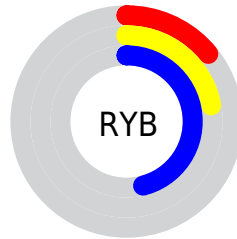
The Hex color **243D75** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **755C24**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5B6CAA**, and **001444** is the 20% darker color. If you saturate the color by 10%, you get **183575**, and if you desaturate by 10%, it is **304575**.

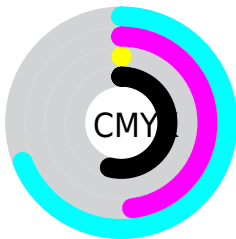
Distribution



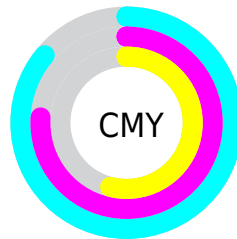
- Red (14%)
- Green (24%)
- Blue (46%)



- Red (14%)
- Yellow (22%)
- Blue (46%)



- Cyan (69%)
- Magenta (48%)
- Yellow (0%)
- Black (54%)



- Cyan (86%)
- Magenta (76%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 243D75 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 243D75 by changing the saturation by 10% instead.

■ 243D75

■ 243D75

FFFFFF

■ 00285C

■ 5B6CAA

■ 001444

■ 7585C5

■ 00032D

■ 909FE1

■ 000118

■ ACBAFE

■ 000000

■ C8D6FF

■ E5F2FF

■ 243D75

■ 243D75

■ 183575

■ 304575

■ 0D2D75

■ 3B4D75

■ 012575

■ 475575

■ 002475

■ 535D75

■ 5F6575

■ 6A6E75

■ 767675

■ 827E75

■ 8D8675

Harmonies

Analogous

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



004676



243D75



543166

Triad

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



243D75



692D17



004B31

Complementary

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



243D75



755C24

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.



1C4816



243D75



573902

Square

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



243D75



712431



3E4301



004C4E

Rectangle

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



243D75



652856



3E4301



004B28

Sweetspot

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



243D75



798399



24755B



393F4D



CCCCCC



4D4D4D

Same Dimension

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



243D75



1A4199



332475



35373B



00267A



004DFA

Inverse Universe

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



75243D



991A41



667524



3B3537



7A0026



FA004D

Previews

White Background



This preview shows how the Hex color 243D75 looks on a white background.

Color Contrast Check

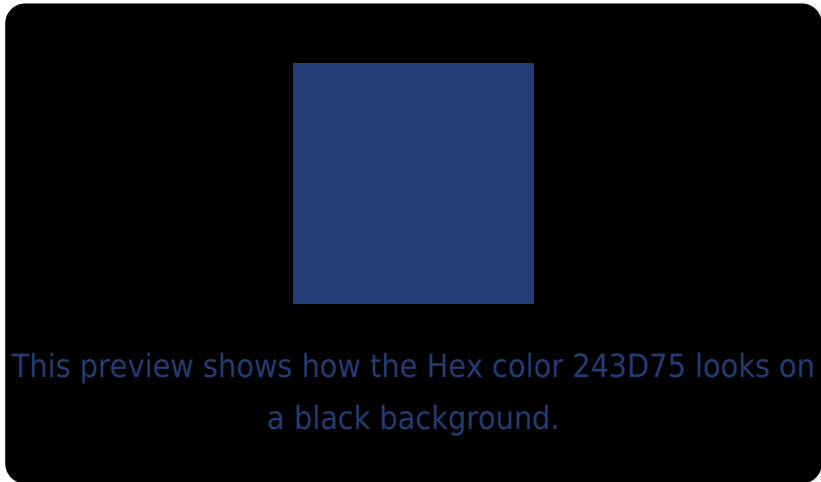
Large Text (above 18pt) WCAG AA ✓ Pass

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 243D75 Background



This preview shows how black text looks on a background with the Hex color 243D75.



This preview shows how white text looks on a background with the Hex color 243D75.

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
243D75

Protanopia
223D75

Deuteranopia
004072



Tritanopia
00464C

Trichromacy



Original Color
243D75

Protanomaly
233D75

Deuteranomaly
0D3F73

Tritanomaly
0D435B

Monochromacy



Original Color
243D75

Achromatopsia
3C3C3C

Achromatomaly
333C51

CSS Examples

Text

The CSS property to change the color of the text to Hex 243D75 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 #243D75 looks like.

```
.text, #text, p{  
    color:#243D75  
}
```

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 #243D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #243D75
}
```

Border

The CSS property to change the border of an element to Hex 243D75 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".

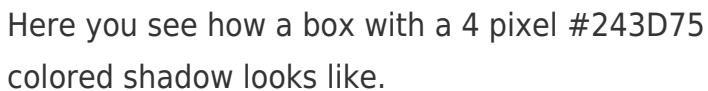
```
.border, #border, table{ border:4px solid
#243D75 }
```

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

```
.border{ border-color:#243D75 }
```

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

Here you see how a box with a 4 pixel #243D75 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #243D75; -webkit-box-shadow:4px 4px  
4px 4px #243D75; box-shadow:4px 4px 4px  
4px #243D75 }
```

Background

The CSS property to change the background color of an element to Hex 243D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#243D75 }
```

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

```
.background{ background-color:#243D75 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor