

# Converting Colors

Hex(74243E)

Have a look what the booklet for  
Hex(74243E) contains.

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# Color

**Hex(74243E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74243E
RGB	116, 36, 62
RGB Percent	45%, 14%, 24%
CMY	0.5451, 0.8588, 0.7569
CMYK	0.00, 0.69, 0.47, 0.55
HSL	340°, 53%, 30%
HSV	340°, 69%, 45%
XYZ	8.7028, 5.3226, 5.1261
YIQ	62.8840, 39.3340, 25.0460

# Conversions

## Conversions Part 2

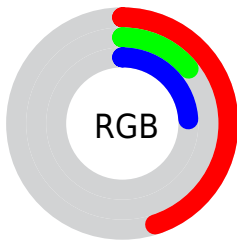
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">116, 36, 62</a>
Decimal	<a href="#">7611454</a>
CIELab	<a href="#">27.63, 37.28, 3.02</a>
CIELCh	<a href="#">28, 37.402, 4.624</a>
Yxy	<a href="#">5.3226, 0.4544, 0.2779</a>
Android (android.graphics.Color)	<a href="#">4285801534 (0xFF74243E)</a>
YUV	<a href="#">62.8840, -0.4358, 46.5827</a>
Hunter-Lab	<a href="#">23.0707, 26.9610, 2.9758</a>

# Details

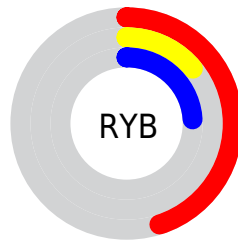
The Hex color **74243E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **24745A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **AB566D**, and **3F0014** is the 20% darker color. If you saturate the color by 10%, you get **741836**, and if you desaturate by 10%, it is **743046**.

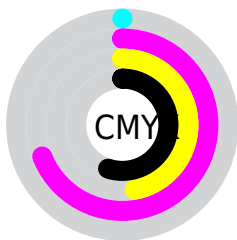
# Distribution



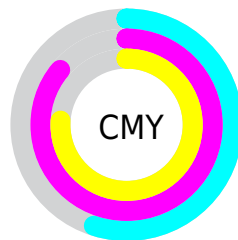
- Red (45%)
- Green (14%)
- Blue (24%)



- Red (45%)
- Yellow (14%)
- Blue (24%)



- Cyan (0%)
- Magenta (69%)
- Yellow (47%)
- Black (55%)



- Cyan (55%)
- Magenta (86%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74243E 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 74243E by changing the saturation by 10% instead.



 74243E

 74243E

FFFFFF

 590728

 AB566D

 3F0014

 C87087

 280001

 E58AA1

 000000

 FFA5BC

 FFC1D7

 FFDDF4

 FFFAFF

 74243E

 74243E

■ 741836

■ 743046

■ 740D2E

■ 743B4E

■ 740127

■ 744755

■ 740026

■ 74525D

■ 745E65

■ 746A6D

■ 747575

■ 74817D

■ 748C84

# Harmonies

## Analogous

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



672B5A



74243E



712A22

# Triad

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



74243E



2D490C



004B75

# Complementary

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



74243E



24745A

# 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.



004E61



74243E



004D27

# Square

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



74243E



4B4100



004F45



00437B

# Rectangle

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



74243E



683212



004F45



004C70



# Sweetspot

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



74243E



967781



592474



4D3940



CCCCCC



4D4D4D



# Same Dimension

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



74243E



961A42



743124



3B3537



7A0028



FA0051



# Inverse Universe

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



74243E



961A42



246774



3B3537



7A0028

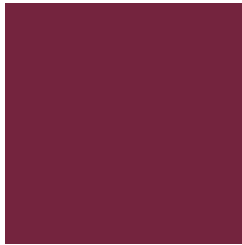


FA0051



# Previews

## White Background



This preview shows how the Hex color 74243E looks on a white background.

## Color Contrast Check

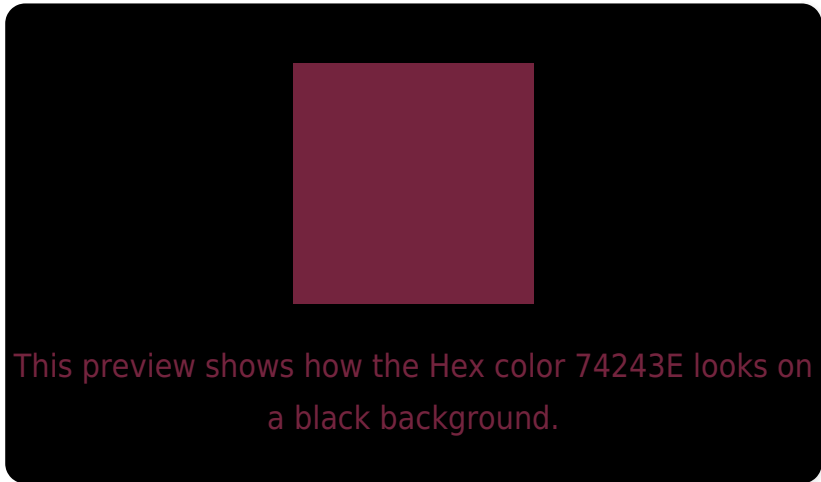
Large Text (above 18pt) WCAG AA ✓ Pass

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 74243E Background



This preview shows how black text looks on a background with the Hex color 74243E.



This preview shows how white text looks on a background with the Hex color 74243E.

# 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**

74243E

**Protanopia**

40424F

**Deuteranopia**

4C403A



**Tritanopia**  
73282B

# Trichromacy



**Original Color**  
74243E

**Protanomaly**  
533749

**Deuteranomaly**  
5B363B

**Tritanomaly**  
732732

# Monochromacy



**Original Color**  
74243E

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
52353F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74243E 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 #74243E looks like.

```
.text, #text, p{  
    color:#74243E  
}
```

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 #74243E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74243E
}
```

## Border

The CSS property to change the border of an element to Hex 74243E is called "border". The border property can be set on classes, ids or directly on the HTML element.

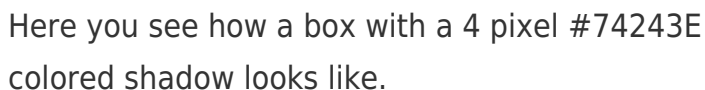
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#74243E }
```

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

```
.border{ border-color:#74243E }
```

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



Here you see how a box with a 4 pixel #74243E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74243E; -webkit-box-shadow:4px 4px  
4px 4px #74243E; box-shadow:4px 4px 4px  
4px #74243E }
```

# Background

The CSS property to change the background color of an element to Hex 74243E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74243E }
```

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

```
.background{ background-color:#74243E }
```

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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