

# Converting Colors

Hex(75213E)

Have a look what the booklet for  
Hex(75213E) contains.

<b>Hex(75213E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(75213E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75213E
RGB	117, 33, 62
RGB Percent	46%, 13%, 24%
CMY	0.5412, 0.8706, 0.7569
CMYK	0.00, 0.72, 0.47, 0.54
HSL	339°, 56%, 29%
HSV	339°, 72%, 46%
XYZ	8.7495, 5.2174, 5.1033
YIQ	61.4220, 40.7550, 26.8270

# Conversions

## Conversions Part 2

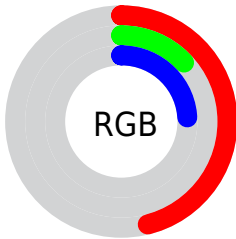
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 33, 62
Decimal	7676222
CIELab	27.35, 38.93, 2.62
CIELCh	27, 39.017, 3.856
Yxy	5.2174, 0.4588, 0.2736
Android (android.graphics.Color)	4285866302 (0xFF75213E)
YUV	61.4220, 0.2850, 48.7419
Hunter-Lab	22.8417, 28.4013, 2.7425

# Details

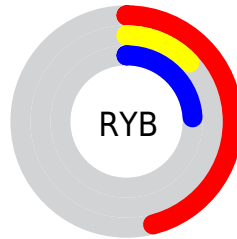
The Hex color **75213E** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **217558**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **AD546D**, and **400014** is the 20% darker color. If you saturate the color by 10%, you get **751536**, and if you desaturate by 10%, it is **752D46**.

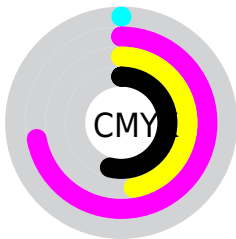
# Distribution



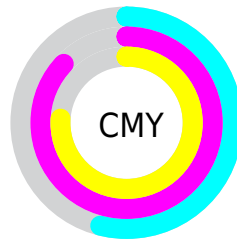
- Red (46%)
- Green (13%)
- Blue (24%)



- Red (46%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (72%)
- Yellow (47%)
- Black (54%)



- Cyan (54%)
- Magenta (87%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75213E 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 75213E by changing the saturation by 10% instead.



 75213E

 75213E

FFFFFF

 5A0228

 AD546D

 400014

 C96E87

 290001

 E688A1

 000000

 FFA3BC

 FFBFD7

 FFDBF4

 FFF8FF

 75213E

 75213E

 751536

 752D46

 750A2F

 75384D

 750028

 754455

 75505D

 755C64

 75676C

 757374

 757F7B

 758A83

# Harmonies

## Analogous

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



67295B



75213E



722821

# Triad

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



75213E



2C4807



004A76

# Complementary

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



75213E



217558

# 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



75213E



004C25

# Square

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



75213E



4B4000



004E44



00437D

# Rectangle

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



75213E



69310F



004E44



004C71



# Sweetspot

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



75213E



997783



582175



4D393F



CCCCCC



4D4D4D



# Same Dimension

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



75213E



991543



752E21



3B3537



7A002A



FA0056



# Inverse Universe

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



75213E



991543



216875



3B3537



7A002A

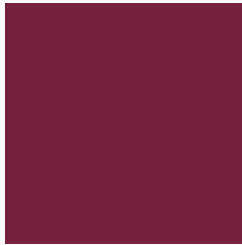


FA0056



# Previews

## White Background



This preview shows how the Hex color 75213E looks on a white background.

## Color Contrast Check

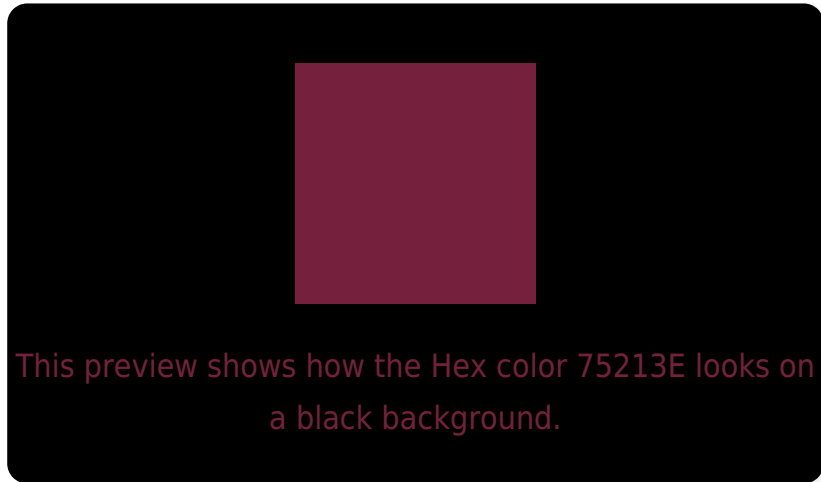
Large Text (above 18pt) WCAG AA ✓ Pass

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 75213E Background



This preview shows how black text looks on a background with the Hex color 75213E.



This preview shows how white text looks on a background with the Hex color 75213E.

# 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**  
75213E

**Protanopia**  
3F4150

**Deuteranopia**  
4B3F3A



**Tritanopia**  
742628

# Trichromacy



**Original Color**  
75213E

**Protanomaly**  
533549

**Deuteranomaly**  
5A343B

**Tritanomaly**  
742430

# Monochromacy



**Original Color**  
75213E

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
51333D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75213E 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 #75213E looks like.

```
.text, #text, p{  
    color:#75213E  
}
```

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 #75213E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75213E
}
```

## Border

The CSS property to change the border of an element to Hex 75213E 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".

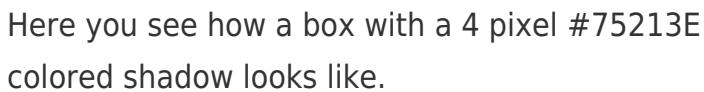
```
.border, #border, table{ border:4px solid
#75213E }
```

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

```
.border{ border-color:#75213E }
```

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

Here you see how a box with a 4 pixel #75213E colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #75213E colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75213E; -webkit-box-shadow:4px 4px  
4px 4px #75213E; box-shadow:4px 4px 4px  
4px #75213E }
```

# Background

The CSS property to change the background color of an element to Hex 75213E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75213E }
```

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

```
.background{ background-color:#75213E }
```

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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