

Converting Colors

Hex(75233D)

Have a look what the booklet for
Hex(75233D) contains.

Hex(75233D)	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(75233D)

Conversions

Conversions Part 1

Format	Color
Hex	75233D
RGB	117, 35, 61
RGB Percent	46%, 14%, 24%
CMY	0.5412, 0.8627, 0.7608
CMYK	0.00, 0.70, 0.48, 0.54
HSL	341°, 54%, 30%
HSV	341°, 70%, 46%
XYZ	8.7795, 5.3209, 4.9792
YIQ	62.4820, 40.5260, 25.4700

Conversions

Conversions Part 2

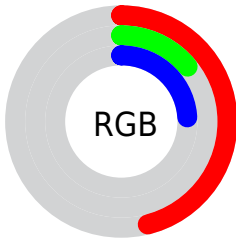
Format	Color
R_{YB}	117, 35, 61
Decimal	7676733
CIE Lab	27.63, 37.96, 3.70
CIE LCh	28, 38.139, 5.573
Yxy	5.3209, 0.4602, 0.2789
Android (android.graphics.Color)	4285866813 (0xFF75233D)
YUV	62.4820, -0.7306, 47.8123
Hunter-Lab	23.0671, 27.5708, 3.3488

Details

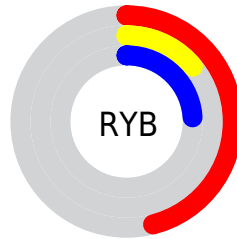
The Hex color **75233D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **23755B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **AD566C**, and **400013** is the 20% darker color. If you saturate the color by 10%, you get **751735**, and if you desaturate by 10%, it is **752F45**.

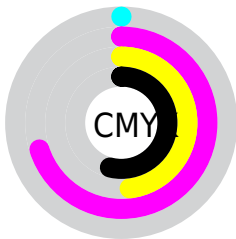
Distribution



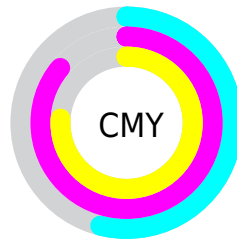
- Red (46%)
- Green (14%)
- Blue (24%)



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



- Cyan (0%)
- Magenta (70%)
- Yellow (48%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 75233D 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 75233D by changing the saturation by 10% instead.

 75233D

 75233D

FFFFFF

 5A0527

 AD566C

 400013

 C96F85

 290001

 E68AA0

 000000

 FFA5BA

 FFC0D6

 FFDDF2

 FFFAFF

 75233D

 75233D

■ 751735

■ 752F45

■ 750C2D

■ 753A4D

■ 750025

■ 754655

■ 75525D

■ 755E65

■ 75696D

■ 757575

■ 75817D

■ 758C85

Harmonies

Analogous

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



68295A



75233D



722A21

Triad

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



75233D



2C490B



004B76

Complementary

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



75233D



23755B

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.



004E63



75233D



004D28

Square

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



75233D



4A4200



004F46



00437C

Rectangle

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



75233D



683210



004F46



004C71

Sweetspot

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



75233D



997983



5A2375



4D393F



CCCCCC



4D4D4D

Same Dimension

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



75233D



991841



753123



3B3537



7A0027



FA004F

Inverse Universe

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



75233D



991841



236775



3B3537



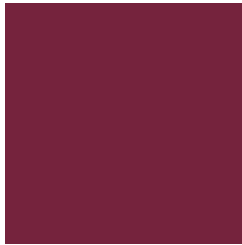
7A0027



FA004F

Previews

White Background



This preview shows how the Hex color 75233D looks on a white background.

Color Contrast Check

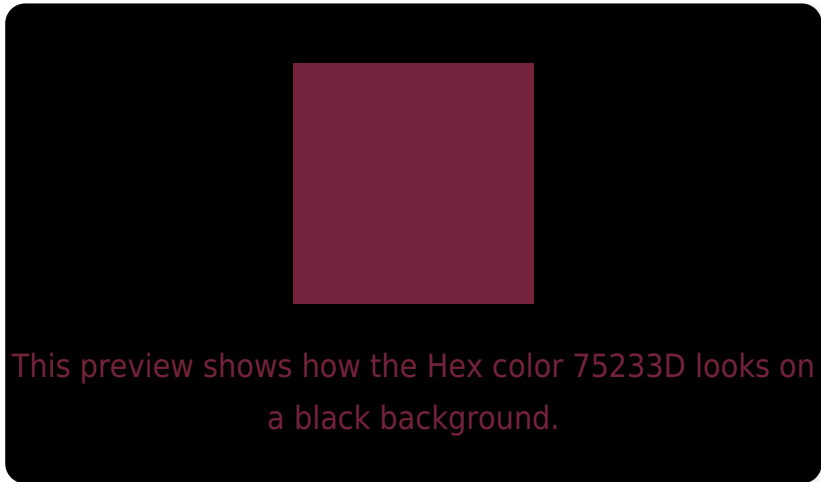
Large Text (above 18pt) WCAG AA ✓ Pass

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 75233D Background



This preview shows how black text looks on a background with the Hex color 75233D.

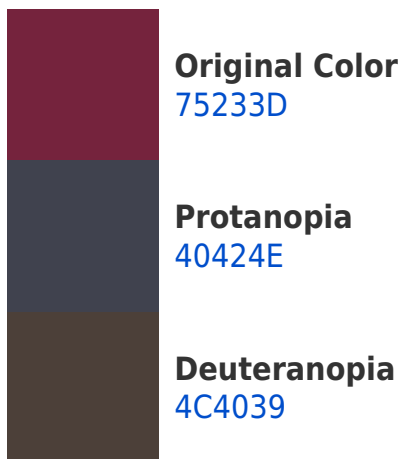



This preview shows how white text looks on a background with the Hex color 75233D.

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





Tritanopia
74272A

Trichromacy



Original Color
75233D

Protanomaly
533748

Deuteranomaly
5B353A

Tritanomaly
742631

Monochromacy



Original Color
75233D

Achromatopsia
3E3E3E

Achromatomaly
52343E

CSS Examples

Text

The CSS property to change the color of the text to Hex 75233D 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 #75233D looks like.

```
.text, #text, p{  
    color:#75233D  
}
```

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 #75233D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75233D
}
```

Border

The CSS property to change the border of an element to Hex 75233D 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
#75233D }
```

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

```
.border{ border-color:#75233D }
```

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

Here you see how a box with a 4 pixel #75233D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75233D; -webkit-box-shadow:4px 4px  
4px 4px #75233D; box-shadow:4px 4px 4px  
4px #75233D }
```

Background

The CSS property to change the background color of an element to Hex 75233D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75233D }
```

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

```
.background{ background-color:#75233D }
```

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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