

Converting Colors

Hex(75335E)

Have a look what the booklet for
Hex(75335E) contains.

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Color

Hex(75335E)

Conversions

Conversions Part 1

Format	Color
Hex	75335E
RGB	117, 51, 94
RGB Percent	46%, 20%, 37%
CMY	0.5412, 0.8000, 0.6314
CMYK	0.00, 0.56, 0.20, 0.54
HSL	321°, 39%, 33%
HSV	321°, 56%, 46%
XYZ	10.5403, 6.9577, 11.3771
YIQ	75.6360, 25.5330, 27.3650

Conversions

Conversions Part 2

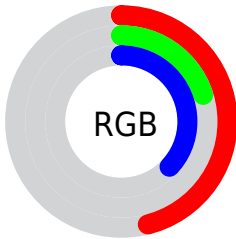
Format	Color
RYB	117, 51, 94
Decimal	7680862
CIELab	31.71, 34.57, -11.94
CIELCh	32, 36.575, 340.945
Yxy	6.9577, 0.3650, 0.2410
Android (android.graphics.Color)	4285870942 (0xFF75335E)
YUV	75.6360, 9.0535, 36.2762
Hunter-Lab	26.3775, 25.1672, -7.1087

Details

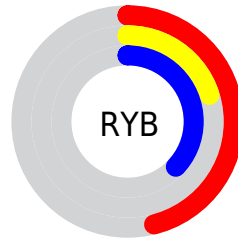
The Hex color **75335E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **33754A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **AB6590**, and **420030** is the 20% darker color. If you saturate the color by 10%, you get **75275A**, and if you desaturate by 10%, it is **753F62**.

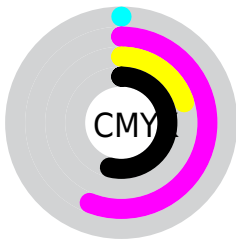
Distribution



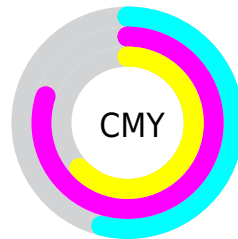
- Red (46%)
- Green (20%)
- Blue (37%)



- Red (46%)
- Yellow (20%)
- Blue (37%)



- Cyan (0%)
- Magenta (56%)
- Yellow (20%)
- Black (54%)



- Cyan (54%)
- Magenta (80%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75335E 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 75335E by changing the saturation by 10% instead.

 75335E

 75335E

FFFFFF

 5B1A46

 AB6590

 420030

 C77EAB

 2C001B

 E399C6

 000000

 FFB4E2

 FFD0FF

 FFEDFF

 75335E

 75335E

 75275A

 753F62

■ 751C56

■ 754A66

■ 751052

■ 75566A

■ 75044E

■ 75626E

■ 75004C

■ 756E72

■ 757976

■ 75857B

■ 75917F

■ 759C83

Harmonies

Analogous

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



5A3E76



75335E



7F3041

Triad

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



75335E



504D0B



005770

Complementary

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



75335E



33754A

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.



005855



75335E



30531C

Square

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



75335E



684211



005737



005381

Rectangle

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



75335E



7D342F



005737



005867

Sweetspot

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



75335E



997F90



493375



4D3D47



CCCCCC



4D4D4D

Same Dimension

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



75335E



993175



75333E



3B3539



7A0050



FA00A3

Inverse Universe

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



75335E



993175



33756A



3B3539



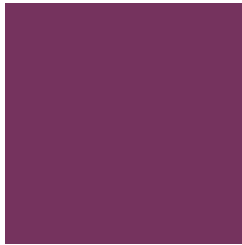
7A0050



FA00A3

Previews

White Background



This preview shows how the Hex color 75335E looks on a white background.

Color Contrast Check

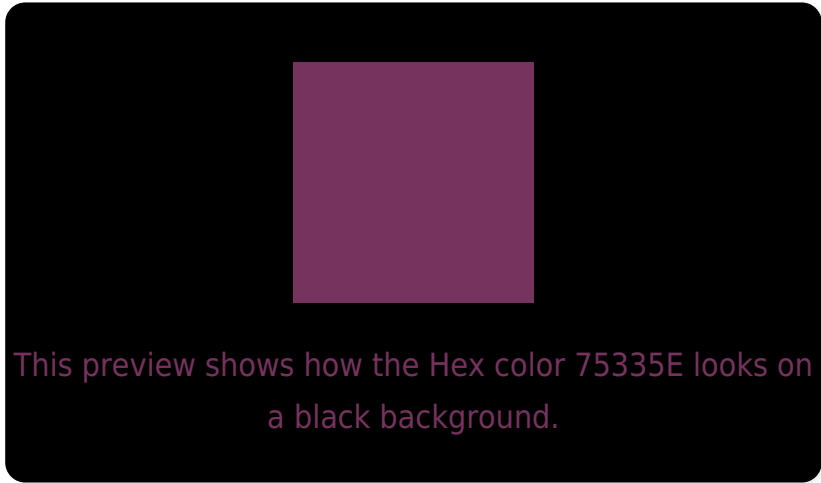
Large Text (above 18pt) WCAG AA ✓ Pass

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 75335E Background



This preview shows how black text looks on a background with the Hex color 75335E.



This preview shows how white text looks on a background with the Hex color 75335E.

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
75335E

Protanopia
3F4A6F

Deuteranopia
4B4A5A



Tritanopia
723A3E

Trichromacy



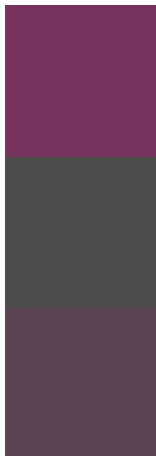
Original Color
75335E

Protanomaly
534269

Deuteranomaly
5A425B

Tritanomaly
73374A

Monochromacy



Original Color
75335E

Achromatopsia
4C4C4C

Achromatomaly
5B4353

CSS Examples

Text

The CSS property to change the color of the text to Hex 75335E 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 #75335E looks like.

```
.text, #text, p{  
    color:#75335E  
}
```

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 #75335E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75335E
}
```

Border

The CSS property to change the border of an element to Hex 75335E 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".

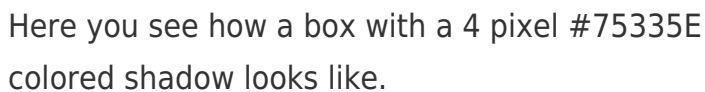
```
.border, #border, table{ border:4px solid
#75335E }
```

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

```
.border{ border-color:#75335E }
```

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

Here you see how a box with a 4 pixel #75335E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75335E; -webkit-box-shadow:4px 4px  
4px 4px #75335E; box-shadow:4px 4px 4px  
4px #75335E }
```

Background

The CSS property to change the background color of an element to Hex 75335E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75335E }
```

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

```
.background{ background-color:#75335E }
```

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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