

Converting Colors

Hex(75002D)

Have a look what the booklet for
Hex(75002D) contains.

Hex(75002D)	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(75002D)

Conversions

Conversions Part 1

Format	Color
Hex	75002D
RGB	117, 0, 45
RGB Percent	46%, 0%, 18%
CMY	0.5412, 1.0000, 0.8235
CMYK	0.00, 1.00, 0.62, 0.54
HSL	337°, 100%, 23%
HSV	337°, 100%, 46%
XYZ	7.8098, 3.9714, 2.8376
YIQ	40.1130, 55.2870, 38.7990

Conversions

Conversions Part 2

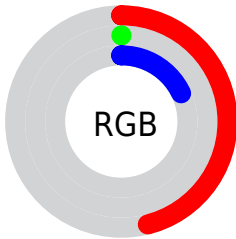
Format	Color
RYB	117, 0, 45
Decimal	7667757
CIELab	23.58, 46.78, 8.94
CIElCh	24, 47.630, 10.818
Yxy	3.9714, 0.5342, 0.2717
Android (android.graphics.Color)	4285857837 (0xFF75002D)
YUV	40.1130, 2.4093, 67.4299
Hunter-Lab	19.9283, 35.0785, 5.5076

Details

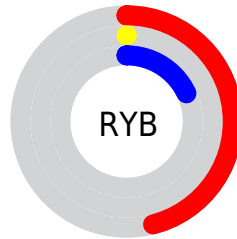
The Hex color **75002D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **007548**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **AE415A**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **75002D**, and if you desaturate by 10%, it is **750C34**.

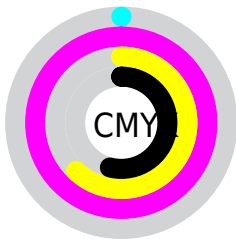
Distribution



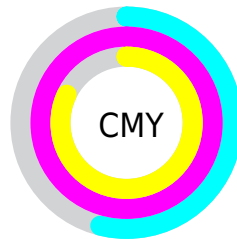
- Red (46%)
- Green (0%)
- Blue (18%)



- Red (46%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75002D 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 75002D by changing the saturation by 10% instead.

 75002D

 75002D

FFFFFF

 590019

 AE415A

 3F0000

 CC5B73

 210001

 EA768C

 000000

 FF91A6

 FFADC2

 FFC9DD

 FFE6FA

 75002D

 750C34

 75173B

 752343

 752F4A

 753B51

 754658

 75525F

 755E67

 75696E

Harmonies

Analogous

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



6B0D50



75002D



6D1909

Triad

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



75002D



0D4200



00427C

Complementary

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



75002D



007548

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.



004666



75002D



00461F

Square

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



75002D



3B3B00



004745



00397F

Rectangle

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



75002D



612800



004745



004477

Sweetspot

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



75002D



996B7D



460075



4D313C



CCCCCC



4D4D4D

Same Dimension

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



75002D



99003B



750C00



3B3537



7A002F



FA0060

Inverse Universe

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



75002D



99003B



006975



3B3537



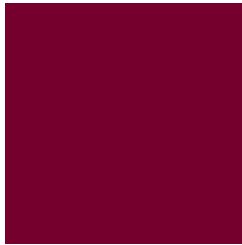
7A002F



FA0060

Previews

White Background



This preview shows how the Hex color 75002D looks on a white background.

Color Contrast Check

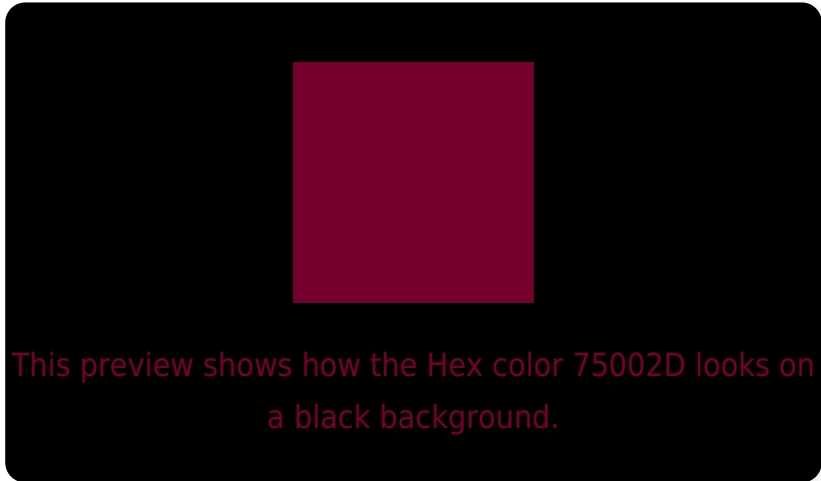
Large Text (above 18pt) WCAG AA ✓ Pass

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 75002D Background



This preview shows how black text looks on a background with the Hex color 75002D.

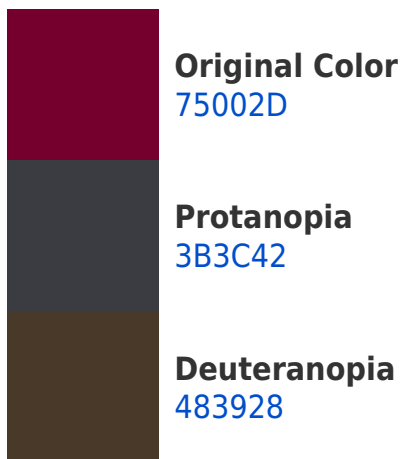


This preview shows how white text looks on a background with the Hex color 75002D.

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
741211

Trichromacy



Original Color
75002D

Protanomaly
50263A

Deuteranomaly
58242A

Tritanomaly
740B1B

Monochromacy



Original Color
75002D

Achromatopsia
282828

Achromatomaly
44192A

CSS Examples

Text

The CSS property to change the color of the text to Hex 75002D 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 #75002D looks like.

```
.text, #text, p{  
    color:#75002D  
}
```

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 #75002D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75002D
}
```

Border

The CSS property to change the border of an element to Hex 75002D 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".

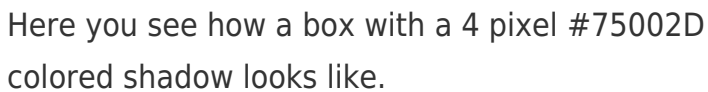
```
.border, #border, table{ border:4px solid
#75002D }
```

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

```
.border{ border-color:#75002D }
```

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

Here you see how a box with a 4 pixel #75002D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75002D; -webkit-box-shadow:4px 4px  
4px 4px #75002D; box-shadow:4px 4px 4px  
4px #75002D }
```

Background

The CSS property to change the background color of an element to Hex 75002D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75002D }
```

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

```
.background{ background-color:#75002D }
```

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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