

Converting Colors

Hex(750038)

Have a look what the booklet for
Hex(750038) contains.

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Color

Hex(750038)

Conversions

Conversions Part 1

Format	Color
Hex	750038
RGB	117, 0, 56
RGB Percent	46%, 0%, 22%
CMY	0.5412, 1.0000, 0.7804
CMYK	0.00, 1.00, 0.52, 0.54
HSL	331°, 100%, 23%
HSV	331°, 100%, 46%
XYZ	8.0499, 4.0674, 4.1022
YIQ	41.3670, 51.7560, 42.2200

Conversions

Conversions Part 2

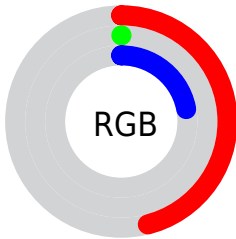
Format	Color
RYB	117, 0, 56
Decimal	7667768
CIELab	23.89, 47.62, 1.73
CIELCh	24, 47.656, 2.085
Yxy	4.0674, 0.4963, 0.2508
Android (android.graphics.Color)	4285857848 (0xFF750038)
YUV	41.3670, 7.2141, 66.3301
Hunter-Lab	20.1679, 35.9538, 2.0578

Details

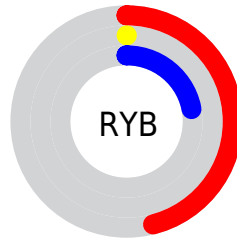
The Hex color **750038** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00753D**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **AE4167**, and **3F000C** is the 20% darker color. If you saturate the color by 10%, you get **750038**, and if you desaturate by 10%, it is **750C3E**.

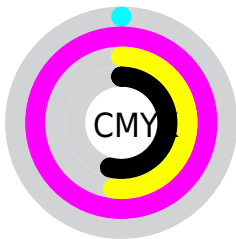
Distribution



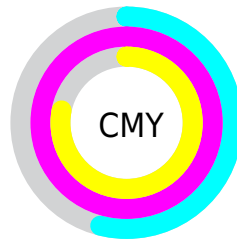
- Red (46%)
- Green (0%)
- Blue (22%)



- Red (46%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 750038 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 750038 by changing the saturation by 10% instead.

 750038

 750038

FFFFFF

 590023

 AE4167

 3F000C

 CB5C80

 230001

 E9779A

 000000

 FF92B4

 FFADD0

 FFCAEC

 FFE6FF

 750038

 750C3E

 751744

 75234A

 752F50

 753B57

 75465D

 755263

 755E69

 75696F

Harmonies

Analogous

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



64175B



750038



721215

Triad

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



750038



214100



004578

Complementary

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



750038



00753D

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.



00485E



750038



004614

Square

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



750038



453800



00483A



003D81

Rectangle

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



750038



682200



00483A



004671

Sweetspot

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



750038



996B81



3C0075



4D313E



CCCCCC



4D4D4D

Same Dimension

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



750038



990049



750200



3B3538



7A003B



FA0078

Inverse Universe

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



750038



990049



007375



3B3538



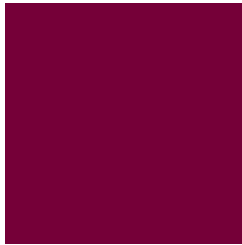
7A003B



FA0078

Previews

White Background



This preview shows how the Hex color 750038 looks on a white background.

Color Contrast Check

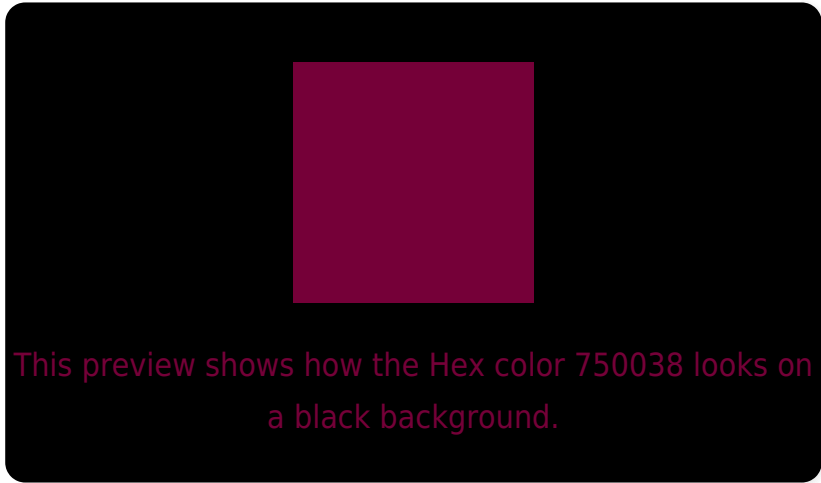
Large Text (above 18pt) WCAG AA ✓ Pass

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

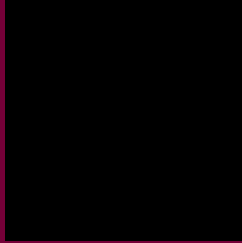
Any Text WCAG AA × Fail

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 750038 Background



This preview shows how black text looks on a background with the Hex color 750038.



This preview shows how white text looks on a background with the Hex color 750038.

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
750038

Protanopia
373C51

Deuteranopia
463A33



Tritanopia
741616

Trichromacy



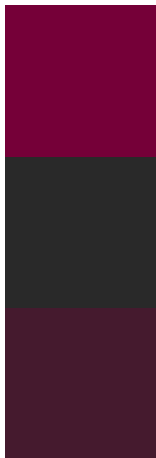
Original Color
750038

Protanomaly
4E2648

Deuteranomaly
572535

Tritanomaly
740E22

Monochromacy



Original Color
750038

Achromatopsia
292929

Achromatomaly
451A2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 750038 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 #750038 looks like.

```
.text, #text, p{  
    color:#750038  
}
```

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 #750038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #750038
}
```

Border

The CSS property to change the border of an element to Hex 750038 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".

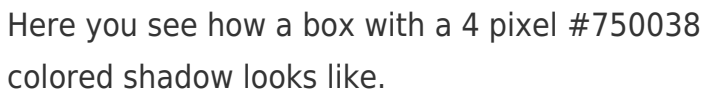
```
.border, #border, table{ border:4px solid
#750038 }
```

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

```
.border{ border-color:#750038 }
```

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

Here you see how a box with a 4 pixel #750038 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular shape that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #750038; -webkit-box-shadow:4px 4px  
4px 4px #750038; box-shadow:4px 4px 4px  
4px #750038 }
```

Background

The CSS property to change the background color of an element to Hex 750038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#750038 }
```

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

```
.background{ background-color:#750038 }
```

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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