

Converting Colors

Hex(670051)

Have a look what the booklet for
Hex(670051) contains.

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Color

Hex(670051)

Conversions

Conversions Part 1

Format	Color
Hex	670051
RGB	103, 0, 81
RGB Percent	40%, 0%, 32%
CMY	0.5961, 1.0000, 0.6824
CMYK	0.00, 1.00, 0.21, 0.60
HSL	313°, 100%, 20%
HSV	313°, 100%, 40%
XYZ	7.0787, 3.4776, 8.0827
YIQ	40.0310, 35.3870, 47.0270

Conversions

Conversions Part 2

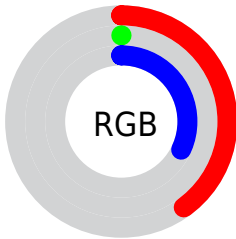
Format	Color
R_{YB}	103, 0, 81
Decimal	6750289
CIE Lab	21.86, 47.16, -18.77
CIE LCh	22, 50.761, 338.294
Yxy	3.4776, 0.3798, 0.1866
Android (android.graphics.Color)	4284940369 (0xFF670051)
YUV	40.0310, 20.1977, 55.2238
Hunter-Lab	18.6484, 35.1216, -12.6440

Details

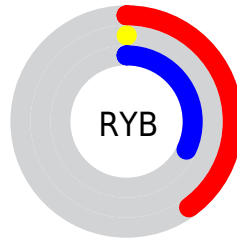
The Hex color **670051** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **006716**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **9D3F83**, and **350024** is the 20% darker color. If you saturate the color by 10%, you get **670051**, and if you desaturate by 10%, it is **670A53**.

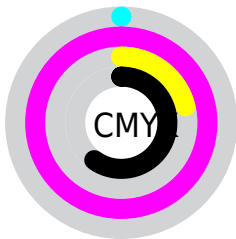
Distribution



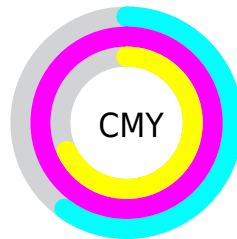
- Red (40%)
- Green (0%)
- Blue (32%)



- Red (40%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (21%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 670051 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 670051 by changing the saturation by 10% instead.

 670051

 670051

FFFFFF

 4D003A

 9D3F83

 350024

 B9599D

 16000C

 D674B8

 000000

 F38FD3

 FFAAF0

 FFC6FF

 FFE3FF

 670051

 670A53

 671555

 671F58

 67295A

 67345C

 673E5E

 674860

 675263

 675D65

Harmonies

Analogous

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



3F2470



670051



73002C

Triad

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



670051



383600



004363

Complementary

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



670051



006716

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.



00433E



670051



0A3E00

Square

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



670051



572800



004216



00407B

Rectangle

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



670051



700014



004216



004457

Sweetspot

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



670051



875F7E



150067



452C40



C4C4C4



454545

Same Dimension

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



670051



87006A



67001F



332E32



73005A



F200BF

Inverse Universe

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



670051



87006A



006748



332E32



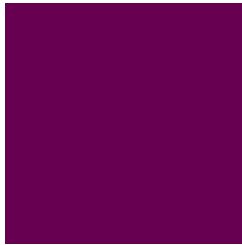
73005A



F200BF

Previews

White Background



This preview shows how the Hex color 670051 looks on a white background.

Color Contrast Check

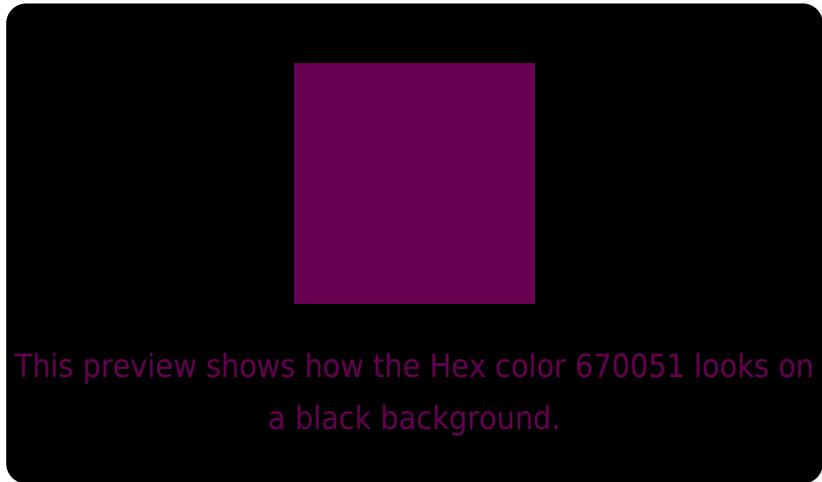
Large Text (above 18pt) WCAG AA ✓ Pass

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 670051 Background



This preview shows how black text looks on a background with the Hex color 670051.

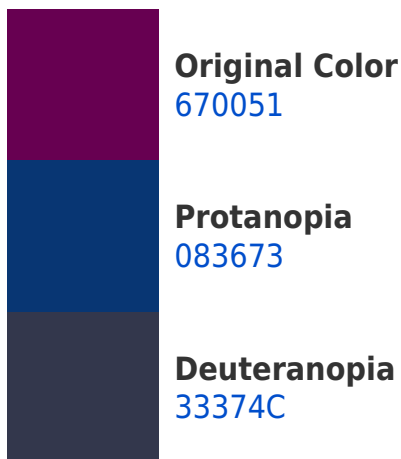


This preview shows how white text looks on a background with the Hex color 670051.

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



Trichromacy



Original Color
670051

Protanomaly
2B2267

Deuteranomaly
46234E

Tritanomaly
641433

Monochromacy



Original Color
670051

Achromatopsia
282828

Achromatomaly
3F1937

CSS Examples

Text

The CSS property to change the color of the text to Hex 670051 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 #670051 looks like.

```
.text, #text, p{  
    color:#670051  
}
```

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 #670051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #670051
}
```

Border

The CSS property to change the border of an element to Hex 670051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

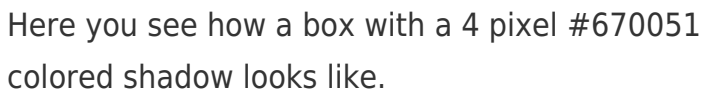
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#670051 }
```

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

```
.border{ border-color:#670051 }
```

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



Here you see how a box with a 4 pixel #670051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #670051; -webkit-box-shadow:4px 4px  
4px 4px #670051; box-shadow:4px 4px 4px  
4px #670051 }
```

Background

The CSS property to change the background color of an element to Hex 670051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#670051 }
```

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

```
.background{ background-color:#670051 }
```

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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