

# Converting Colors

Hex(670024)

Have a look what the booklet for  
Hex(670024) contains.

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**Color**

**Hex(670024)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	670024
RGB	103, 0, 36
RGB Percent	40%, 0%, 14%
CMY	0.5961, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.65, 0.60
HSL	339°, 100%, 20%
HSV	339°, 100%, 40%
XYZ	5.9120, 3.0109, 1.9386
YIQ	34.9010, 49.8320, 33.0320

# Conversions

## Conversions Part 2

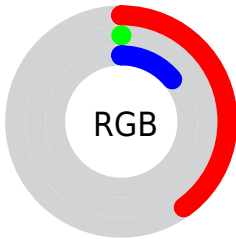
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 0, 36
Decimal	6750244
CIELab	20.09, 42.56, 10.00
CIELCh	20, 43.715, 13.217
Yxy	3.0109, 0.5443, 0.2772
Android (android.graphics.Color)	4284940324 (0xFF670024)
YUV	34.9010, 0.5418, 59.7228
Hunter-Lab	17.3521, 30.4500, 5.5223

# Details

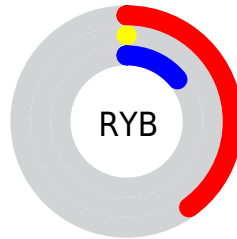
The Hex color **670024** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **006743**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **9F3D50**, and **340002** is the 20% darker color. If you saturate the color by 10%, you get **670024**, and if you desaturate by 10%, it is **670A2B**.

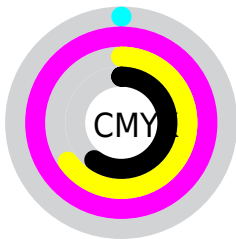
# Distribution



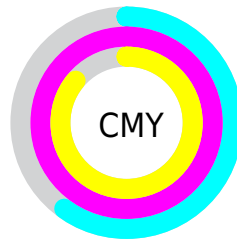
- Red (40%)
- Green (0%)
- Blue (14%)



- Red (40%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 670024 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 670024 by changing the saturation by 10% instead.



 670024

 670024

 FFFCFF

 4C000F

 9F3D50

 340002

 BC5768

 000000

 DA7181

 F88C9B

 FFA7B6

 FFC3D1

 FFDTEE

 670024

■ 670A2B

■ 671531

■ 671F38

■ 67293F

■ 673446

■ 673E4C

■ 674853

■ 67525A

■ 675D60

# Harmonies

## Analogous

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



5F0744



670024



5F1600

# Triad

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



670024



053A00



00396E

# Complementary

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



670024



006743

# 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.



003D5C



670024



003D1D

# Square

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



670024



303400



003E3E



003070

# Rectangle

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



670024



532300



003E3E



003B6A



# Sweetspot

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



670024



875F6D



430067



452C35



C4C4C4



454545



# Same Dimension

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



670024



87002F



670F00



332E30



730028



F20055



# Inverse Universe

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



670024



87002F



005867



332E30



730028

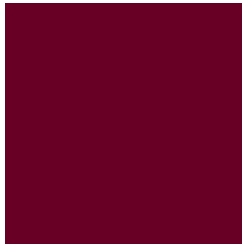


F20055



# Previews

## White Background



This preview shows how the Hex color 670024 looks on a white background.

## Color Contrast Check

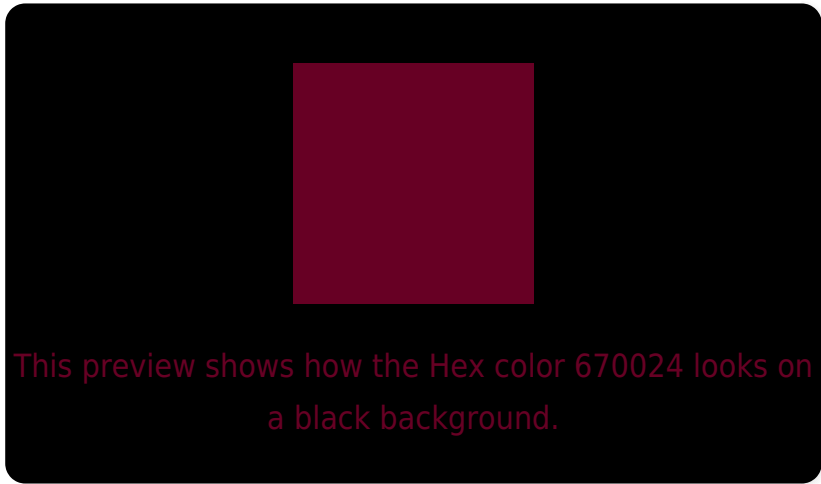
Large Text (above 18pt) WCAG AA ✓ Pass

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 670024 Background



This preview shows how black text looks on a background with the Hex color 670024.



This preview shows how white text looks on a background with the Hex color 670024.

# 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**  
670024

**Protanopia**  
363435

**Deuteranopia**  
40321F



# Trichromacy



**Original Color**  
670024

**Protanomaly**  
48212F

**Deuteranomaly**  
4E2021

**Tritanomaly**  
660A15

# Monochromacy



**Original Color**  
670024

**Achromatopsia**  
232323

**Achromatomaly**  
3C1623

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 670024 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 #670024 looks like.

```
.text, #text, p{  
    color:#670024  
}
```

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 #670024 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #670024
}
```

## Border

The CSS property to change the border of an element to Hex 670024 is called "border". The border property can be set on classes, ids or directly on the HTML element.

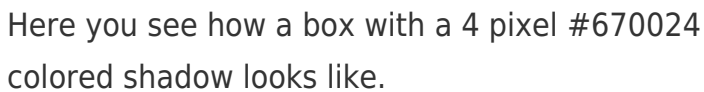
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#670024 }
```

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

```
.border{ border-color:#670024 }
```

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



Here you see how a box with a 4 pixel #670024 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #670024; -webkit-box-shadow:4px 4px  
4px 4px #670024; box-shadow:4px 4px 4px  
4px #670024 }
```

# Background

The CSS property to change the background color of an element to Hex 670024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#670024 }
```

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

```
.background{ background-color:#670024 }
```

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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