

Converting Colors

Hex(670002)

Have a look what the booklet for
Hex(670002) contains.

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Color

Hex(670002)

Conversions

Conversions Part 1

Format	Color
Hex	670002
RGB	103, 0, 2
RGB Percent	40%, 0%, 1%
CMY	0.5961, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.98, 0.60
HSL	359°, 100%, 20%
HSV	359°, 100%, 40%
XYZ	5.6045, 2.8879, 0.3195
YIQ	31.0250, 60.7460, 22.4580

Conversions

Conversions Part 2

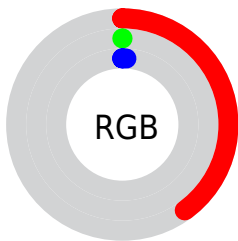
Format	Color
RYB	103, 0, 2
Decimal	6750210
CIELab	19.59, 41.21, 29.21
CIElCh	20, 50.509, 35.326
Yxy	2.8879, 0.6360, 0.3277
Android (android.graphics.Color)	4284940290 (0xFF670002)
YUV	31.0250, -14.3093, 63.1221
Hunter-Lab	16.9940, 29.1285, 10.7812

Details

The Hex color **670002** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006765**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **A13C30**, and **320002** is the 20% darker color. If you saturate the color by 10%, you get **670002**, and if you desaturate by 10%, it is **670A0C**.

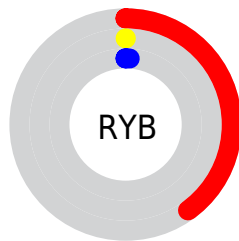
Distribution



Red (40%)

Green (0%)

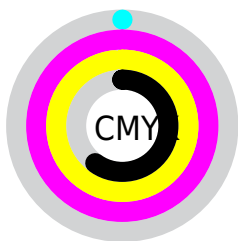
Blue (1%)



Red (40%)

Yellow (0%)

Blue (1%)

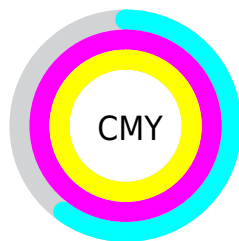


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (60%)



Cyan (60%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 670002 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 670002 by changing the saturation by 10% instead.

 670002

 670002

 FFFBE3

 4A0000

 A13C30

 320002

 BF5647

 000000

 DD705F

 FC8A77

 FFA591

 FFC1AC

 FFDEC7

 670002

 670A0C

 671516

 671F20

 67292A

 673435

 673E3F

 674849

 675253

 675D5D

Harmonies

Analogous

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



6D002B



670002



532100

Triad

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



670002



003C0D



00337A

Complementary

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



670002



006765

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.



003B73



670002



003E35

Square

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



670002



093800



003E5A



32216D

Rectangle

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



670002



402C00



003E5A



00367A

Sweetspot

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



670002



875F5F



640067



452C2D



C4C4C4



454545

Same Dimension

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



670002



870003



673000



332E2E



730002



F20005

Inverse Universe

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



670002



870003



003767



332E2E



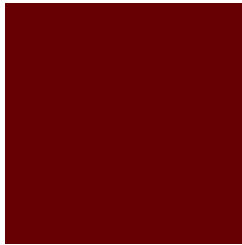
730002



F20005

Previews

White Background



This preview shows how the Hex color 670002 looks on a white background.

Color Contrast Check

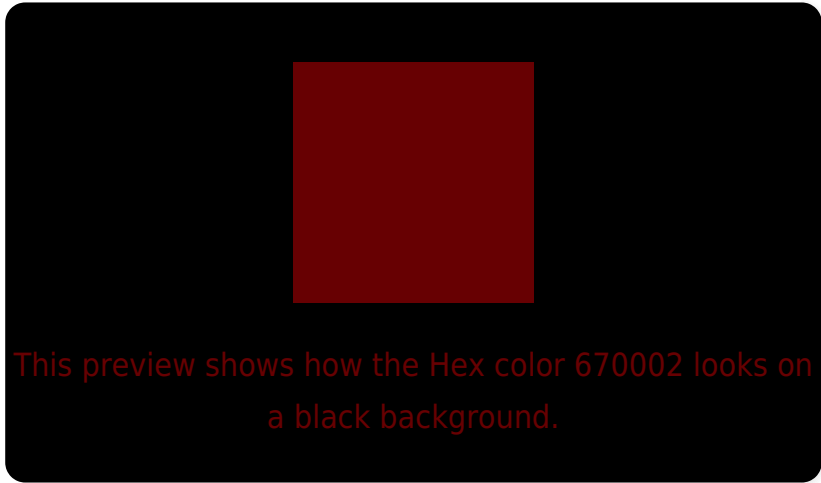
Large Text (above 18pt) WCAG AA ✓ Pass

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

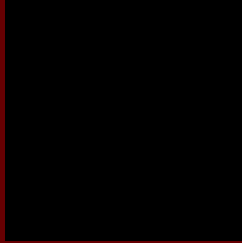
Any Text WCAG AA × Fail

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 670002 Background



This preview shows how black text looks on a background with the Hex color 670002.



This preview shows how white text looks on a background with the Hex color 670002.

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
670002

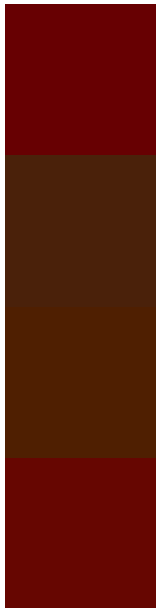
Protanopia
3A340E

Deuteranopia
413100



Tritanopia
660A00

Trichromacy



Original Color
670002

Protanomaly
4A210A

Deuteranomaly
4F1F01

Tritanomaly
660601

Monochromacy



Original Color
670002

Achromatopsia
1F1F1F

Achromatomaly
391414

CSS Examples

Text

The CSS property to change the color of the text to Hex 670002 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 #670002 looks like.

```
.text, #text, p{  
    color:#670002  
}
```

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 #670002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #670002
}
```

Border

The CSS property to change the border of an element to Hex 670002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

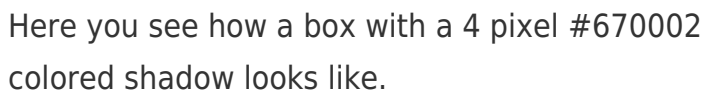
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#670002 }
```

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

```
.border{ border-color:#670002 }
```

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



Here you see how a box with a 4 pixel #670002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #670002; -webkit-box-shadow:4px 4px  
4px 4px #670002; box-shadow:4px 4px 4px  
4px #670002 }
```

Background

The CSS property to change the background color of an element to Hex 670002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#670002 }
```

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

```
.background{ background-color:#670002 }
```

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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