

Converting Colors

Hex(670400)

Have a look what the booklet for
Hex(670400) contains.

| | |
|--|----|
| Hex(670400) | 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(670400)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 670400 |
| RGB | 103, 4, 0 |
| RGB Percent | 40%, 2%, 0% |
| CMY | 0.5961, 0.9843, 1.0000 |
| CMYK | 0.00, 0.96, 1.00, 0.60 |
| HSL | 2°, 100%, 20% |
| HSV | 2°, 100%, 40% |
| XYZ | 5.6369, 2.9704, 0.2762 |
| YIQ | 33.1450, 60.2880, 19.7440 |

Conversions

Conversions Part 2

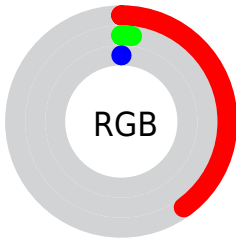
| Format | Color |
|-------------------------------------|-------------------------------|
| R_YB | 103, 4, 0 |
| Decimal | 6751232 |
| CIE _{Lab} | 19.92, 40.14, 30.40 |
| CIE _{LCh} | 20, 50.352, 37.142 |
| Yxy | 2.9704, 0.6345, 0.3344 |
| Android (android.graphics.Color) | 4284941312 (0xFF670400) |
| YUV | 33.1450, -16.3405, 61.2628 |
| Hunter-Lab | 17.2348, 28.2204, 11.1141 |

Details

The Hex color **670400** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006367**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **A13E2F**, and **320002** is the 20% darker color. If you saturate the color by 10%, you get **670400**, and if you desaturate by 10%, it is **670E0A**.

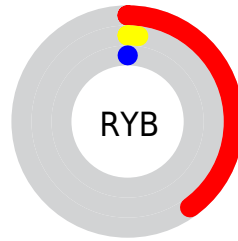
Distribution



Red (40%)

Green (2%)

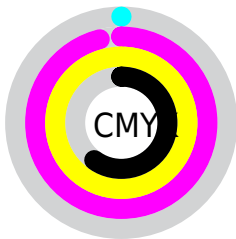
Blue (0%)



Red (40%)

Yellow (2%)

Blue (0%)

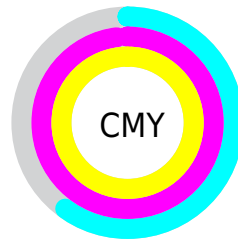


Cyan (0%)

Magenta (96%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 670400 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 670400 by changing the saturation by 10% instead.

 670400

 670400

 FFFCE2

 4A0000

 A13E2F

 320002

 BF5745

 000000

 DD715D

 FB8C76

 FFA790

 FFC3AA

 FFDFC6

 670400

■ 670E0A

■ 671815

■ 67221F

■ 672C29

■ 673634

■ 673F3E

■ 674948

■ 675352

■ 675D5D

Harmonies

Analogous

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



6D0029



670400



522300

Triad

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



670400



003D11



00337B

Complementary

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



670400



006367

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.



003C75



670400



003F38

Square

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



670400



063900



003F5C



37216C

Rectangle

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



670400



3F2E00



003F5C



00377B

Sweetspot

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



670400



87605F



670064



452D2C



C4C4C4



454545

Same Dimension

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



670400



870500



673700



332E2E



730400



F20900

Inverse Universe

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



006367



008287



003067



2E3333



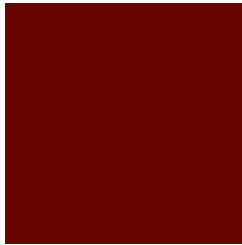
006E73



00E9F2

Previews

White Background



This preview shows how the Hex color 670400 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 670400 Background



This preview shows how black text looks on a background with the Hex color 670400.



This preview shows how white text looks on a background with the Hex color 670400.

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
670400

Protanopia
3A340D

Deuteranopia
423100



Tritanopia
660900

Trichromacy



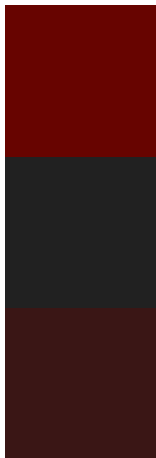
Original Color
670400

Protanomaly
4A2308

Deuteranomaly
4F2100

Tritanomaly
660700

Monochromacy



Original Color
670400

Achromatopsia
212121

Achromatomaly
3A1615

CSS Examples

Text

The CSS property to change the color of the text to Hex 670400 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 #670400 looks like.

```
.text, #text, p{  
    color:#670400  
}
```

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 #670400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #670400
}
```

Border

The CSS property to change the border of an element to Hex 670400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

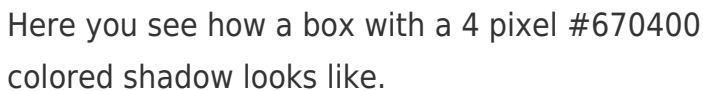
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#670400 }
```

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

```
.border{ border-color:#670400 }
```

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



Here you see how a box with a 4 pixel #670400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #670400; -webkit-box-shadow:4px 4px  
4px 4px #670400; box-shadow:4px 4px 4px  
4px #670400 }
```

Background

The CSS property to change the background color of an element to Hex 670400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#670400 }
```

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

```
.background{ background-color:#670400 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor