

Converting Colors

Hex(68003C)

Have a look what the booklet for
Hex(68003C) contains.

Hex(68003C)	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(68003C)

Conversions

Conversions Part 1

Format	Color
Hex	68003C
RGB	104, 0, 60
RGB Percent	41%, 0%, 24%
CMY	0.5922, 1.0000, 0.7647
CMYK	0.00, 1.00, 0.42, 0.59
HSL	325°, 100%, 20%
HSV	325°, 100%, 41%
XYZ	6.5245, 3.2693, 4.5621
YIQ	37.9360, 42.7240, 40.7080

Conversions

Conversions Part 2

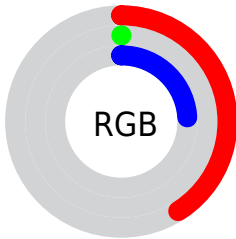
Format	Color
RYB	104, 0, 60
Decimal	6815804
CIELab	21.09, 44.85, -5.51
CIELCh	21, 45.186, 352.991
Yxy	3.2693, 0.4545, 0.2277
Android (android.graphics.Color)	4285005884 (0xFF68003C)
YUV	37.9360, 10.8776, 57.9381
Hunter-Lab	18.0812, 32.7689, -2.3028

Details

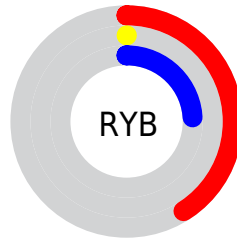
The Hex color **68003C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **00682C**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **9F3E6B**, and **360012** is the 20% darker color. If you saturate the color by 10%, you get **68003C**, and if you desaturate by 10%, it is **680A40**.

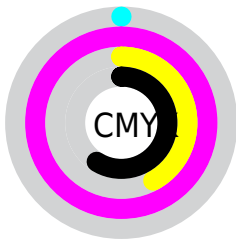
Distribution



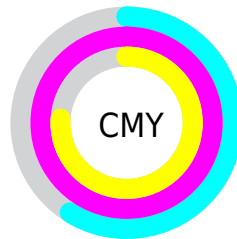
- Red (41%)
- Green (0%)
- Blue (24%)



- Red (41%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (59%)



- Cyan (59%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68003C 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 68003C by changing the saturation by 10% instead.

 68003C

 68003C

FFFFFF

 4D0026

 9F3E6B

 360012

 BC5884

 100000

 D9739F

 000000

 F68DB9

 FFA9D5

 FFC5F1

 FFE2FF

 68003C

 680A40

 681545

 681F49

 682A4E

 683452

 683E56

 68495B

 68535F

 685E64

Harmonies

Analogous

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



521A5B



68003C



6A051B

Triad

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



68003C



273800



003F68

Complementary

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



68003C



00682C

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.



00414C



68003C



003E03

Square

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



68003C



462F00



00402A



003976

Rectangle

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



68003C



631702



00402A



004060

Sweetspot

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



68003C



875F76



2B0068



452C3A



C4C4C4



454545

Same Dimension

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



68003C



87004E



680009



332E31



730042



F2008C

Inverse Universe

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



68003C



87004E



00685F



332E31



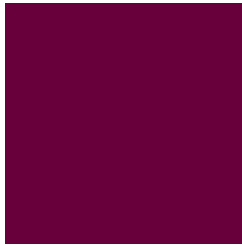
730042



F2008C

Previews

White Background



This preview shows how the Hex color 68003C looks on a white background.

Color Contrast Check

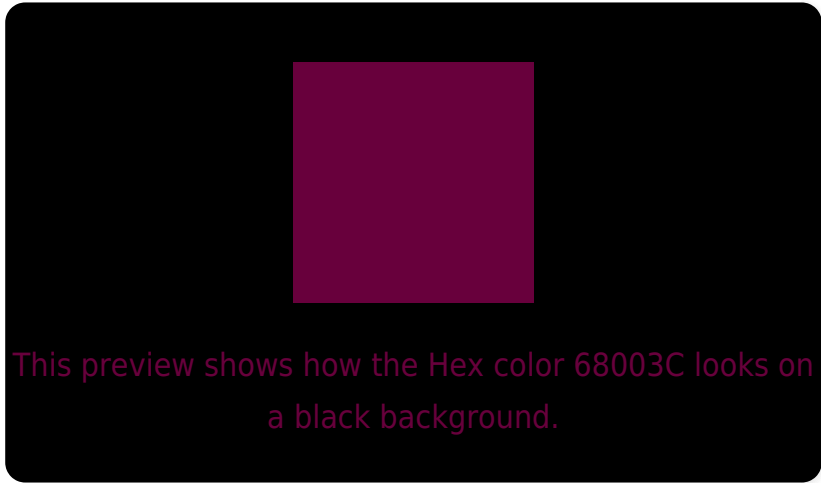
Large Text (above 18pt) WCAG AA ✓ Pass

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 68003C Background



This preview shows how black text looks on a background with the Hex color 68003C.




This preview shows how white text looks on a background with the Hex color 68003C.

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





Tritanopia
661818

Trichromacy



Original Color
68003C

Protanomaly
41224D

Deuteranomaly
4C2239

Tritanomaly
670F25

Monochromacy



Original Color
68003C

Achromatopsia
262626

Achromatomaly
3E182E

CSS Examples

Text

The CSS property to change the color of the text to Hex 68003C 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 #68003C looks like.

```
.text, #text, p{  
    color:#68003C  
}
```

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 #68003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68003C
}
```

Border

The CSS property to change the border of an element to Hex 68003C is called "border". The border property can be set on classes, ids or directly on the HTML element.

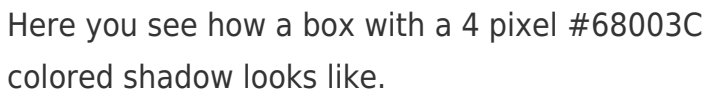
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68003C }
```

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

```
.border{ border-color:#68003C }
```

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



Here you see how a box with a 4 pixel #68003C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68003C; -webkit-box-shadow:4px 4px  
4px 4px #68003C; box-shadow:4px 4px 4px  
4px #68003C }
```

Background

The CSS property to change the background color of an element to Hex 68003C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68003C }
```

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

```
.background{ background-color:#68003C }
```

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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