

Converting Colors

Hex(72003B)

Have a look what the booklet for
Hex(72003B) contains.

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Color

Hex(72003B)

Conversions

Conversions Part 1

Format	Color
Hex	72003B
RGB	114, 0, 59
RGB Percent	45%, 0%, 23%
CMY	0.5529, 1.0000, 0.7686
CMYK	0.00, 1.00, 0.48, 0.55
HSL	329°, 100%, 22%
HSV	329°, 100%, 45%
XYZ	7.7288, 3.8932, 4.4818
YIQ	40.8120, 49.0050, 42.5170

Conversions

Conversions Part 2

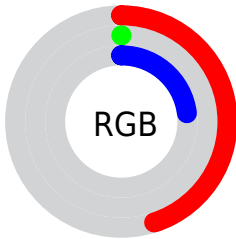
Format	Color
R_YB	114, 0, 59
Decimal	7471163
CIE Lab	23.32, 47.16, -1.27
CIE LCh	23, 47.174, 358.457
Yxy	3.8932, 0.4799, 0.2418
Android (android.graphics.Color)	4285661243 (0xFF72003B)
YUV	40.8120, 8.9667, 64.1859
Hunter-Lab	19.7311, 35.3905, 0.3445

Details

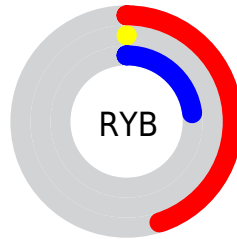
The Hex color **72003B** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **007237**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **AA416A**, and **3D0010** is the 20% darker color. If you saturate the color by 10%, you get **72003B**, and if you desaturate by 10%, it is **720B40**.

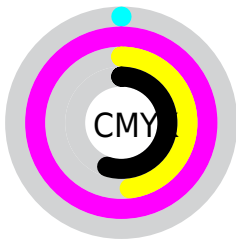
Distribution



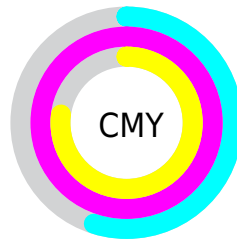
- Red (45%)
- Green (0%)
- Blue (23%)



- Red (45%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72003B 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 72003B by changing the saturation by 10% instead.

 72003B

 72003B

FFFFFF

 570025

 AA416A

 3D0010

 C75B83

 200001

 E5769D

 000000

 FF91B8

 FFADD4

 FFC9F0

 FFE6FF

 72003B

 720B40

 721746

 72224B

 722E51

 723956

 72445C

 725062

 725B67

 72676D

Harmonies

Analogous

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



5F195D



72003B



710E18

Triad

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



72003B



253F00



004474

Complementary

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



72003B



007237

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.



004659



72003B



00440E

Square

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



72003B



473600



004635



003D7F

Rectangle

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



72003B



681F00



004635



00456C

Sweetspot

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



72003B



94687E



350072



4A2F3D



C9C9C9



4A4A4A

Same Dimension

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



72003B



94004D



720004



383235



78003E



F70080

Inverse Universe

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



72003B



94004D



00726E



383235



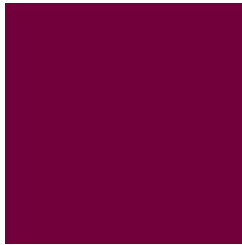
78003E



F70080

Previews

White Background



This preview shows how the Hex color 72003B looks on a white background.

Color Contrast Check

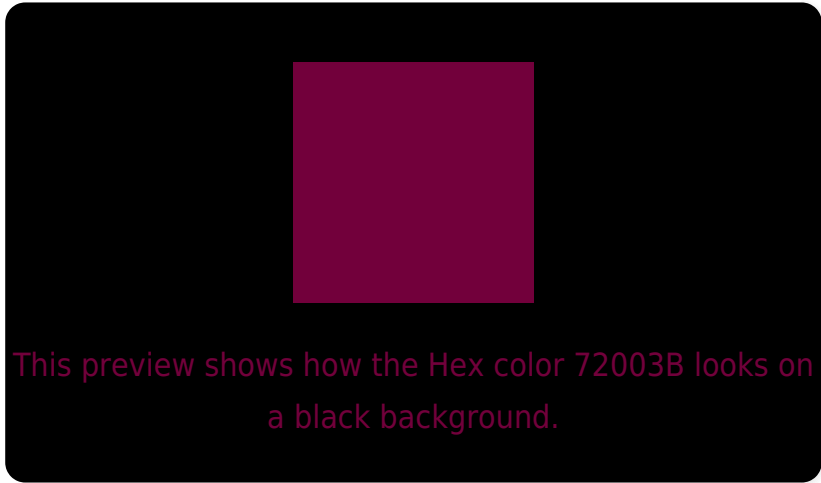
Large Text (above 18pt) WCAG AA ✓ Pass

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

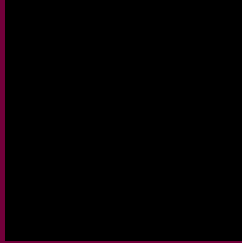
Any Text WCAG AA × Fail

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 72003B Background



This preview shows how black text looks on a background with the Hex color 72003B.

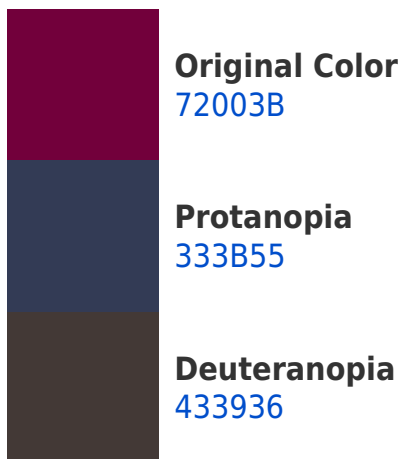



This preview shows how white text looks on a background with the Hex color 72003B.

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
701718

Trichromacy



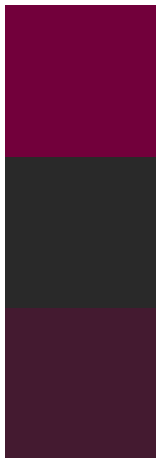
Original Color
72003B

Protanomaly
4A264C

Deuteranomaly
542438

Tritanomaly
710F25

Monochromacy



Original Color
72003B

Achromatopsia
292929

Achromatomaly
441A30

CSS Examples

Text

The CSS property to change the color of the text to Hex 72003B 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 #72003B looks like.

```
.text, #text, p{  
    color:#72003B  
}
```

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 #72003B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72003B
}
```

Border

The CSS property to change the border of an element to Hex 72003B is called "border". The border property can be set on classes, ids or directly on the HTML element.

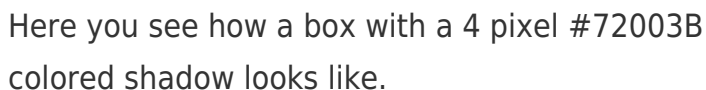
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#72003B }
```

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

```
.border{ border-color:#72003B }
```

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



Here you see how a box with a 4 pixel #72003B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72003B; -webkit-box-shadow:4px 4px  
4px 4px #72003B; box-shadow:4px 4px 4px  
4px #72003B }
```

Background

The CSS property to change the background color of an element to Hex 72003B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72003B }
```

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

```
.background{ background-color:#72003B }
```

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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