

Converting Colors

Hex(7A0223)

Have a look what the booklet for
Hex(7A0223) contains.

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Color

Hex(7A0223)

Conversions

Conversions Part 1

Format	Color
Hex	7A0223
RGB	122, 2, 35
RGB Percent	48%, 1%, 14%
CMY	0.5216, 0.9922, 0.8627
CMYK	0.00, 0.98, 0.71, 0.52
HSL	344°, 97%, 24%
HSV	344°, 98%, 48%
XYZ	8.3511, 4.3023, 1.9804
YIQ	41.6420, 60.9270, 35.7030

Conversions

Conversions Part 2

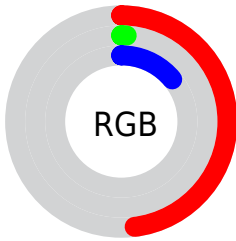
Format	Color
RYB	122, 2, 35
Decimal	7995939
CIELab	24.65, 47.08, 17.48
CIElCh	25, 50.222, 20.373
Yxy	4.3023, 0.5707, 0.2940
Android (android.graphics.Color)	4286186019 (0xFF7A0223)
YUV	41.6420, -3.2745, 70.4740
Hunter-Lab	20.7421, 35.5685, 8.8586

Details

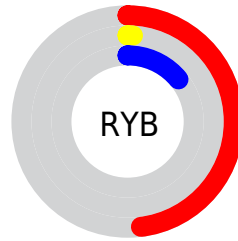
The Hex color **7A0223** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **027A59**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **B4434F**, and **420000** is the 20% darker color. If you saturate the color by 10%, you get **7A0022**, and if you desaturate by 10%, it is **7A0E2C**.

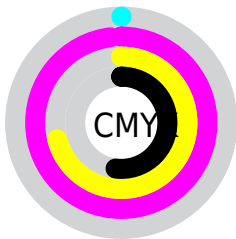
Distribution



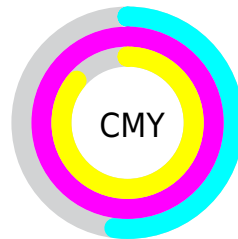
- Red (48%)
- Green (1%)
- Blue (14%)



- Red (48%)
- Yellow (1%)
- Blue (14%)



- Cyan (0%)
- Magenta (98%)
- Yellow (71%)
- Black (52%)



- Cyan (52%)
- Magenta (99%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A0223 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 7A0223 by changing the saturation by 10% instead.

 7A0223

 7A0223

FFFFFF

 5D000E

 B4434F

 420000

 D25D67

 260001

 F17880

 000000

 FF939A

 FFAFB5

 FFCBD0

 FFE8EC

 7A0223

 7A0223

■ 7A0022

■ 7A0E2C

■ 7A1A35

■ 7A273E

■ 7A3346

■ 7A3F4F

■ 7A4B58

■ 7A5761

■ 7A646A

■ 7A7073

Harmonies

Analogous

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



760048



7A0223



6D2100

Triad

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



7A0223



004700



004386

Complementary

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



7A0223



027A59

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.



004975



7A0223



00492D

Square

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



7A0223



314000



004A54



033683

Rectangle

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



7A0223



5D2F00



004A54



004683

Sweetspot

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



7A0223



9E6F7C



58027A



4F333A



CFCFCF



4F4F4F

Same Dimension

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



7A0223



9E002B



7A1C02



3D3739



7D0022



FC0045

Inverse Universe

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



7A0223



9E002B



02607A



3D3739



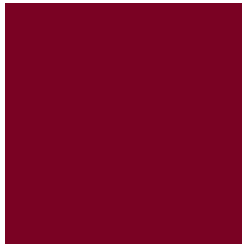
7D0022



FC0045

Previews

White Background



This preview shows how the Hex color 7A0223 looks on a white background.

Color Contrast Check

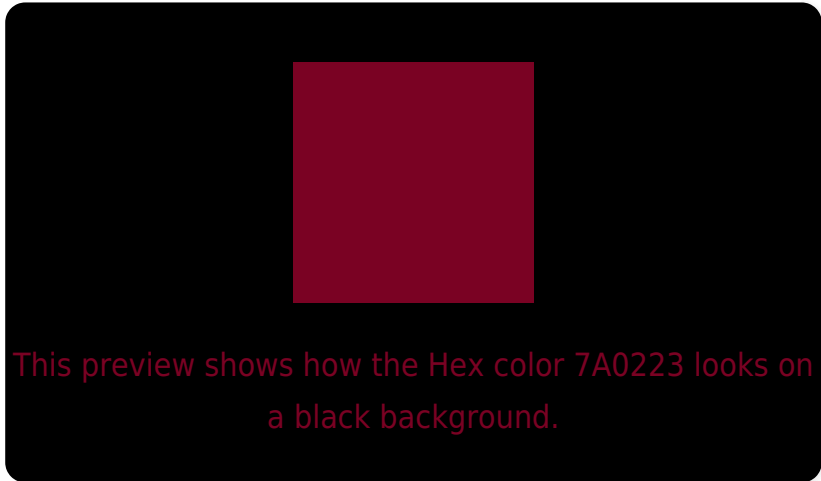
Large Text (above 18pt) WCAG AA ✓ Pass

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

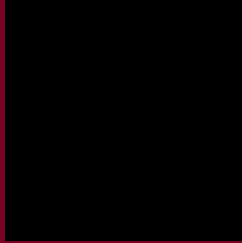
Any Text WCAG AA × Fail

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 7A0223 Background



This preview shows how black text looks on a background with the Hex color 7A0223.



This preview shows how white text looks on a background with the Hex color 7A0223.

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
7A0223

Protanopia
413E34

Deuteranopia
4D3B1D



Tritanopia
790E0B

Trichromacy



Original Color
7A0223

Protanomaly
56282E

Deuteranomaly
5D261F

Tritanomaly
790A14

Monochromacy



Original Color
7A0223

Achromatopsia
2A2A2A

Achromatomaly
471B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A0223 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 #7A0223 looks like.

```
.text, #text, p{  
    color:#7A0223  
}
```

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 #7A0223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A0223
}
```

Border

The CSS property to change the border of an element to Hex 7A0223 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
#7A0223 }
```

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

```
.border{ border-color:#7A0223 }
```

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

Here you see how a box with a 4 pixel #7A0223 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A0223; -webkit-box-shadow:4px 4px  
4px 4px #7A0223; box-shadow:4px 4px 4px  
4px #7A0223 }
```

Background

The CSS property to change the background color of an element to Hex 7A0223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A0223 }
```

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

```
.background{ background-color:#7A0223 }
```

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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