

# Converting Colors

Hex(700A03)

Have a look what the booklet for  
Hex(700A03) contains.

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**Color**

**Hex(700A03)**

# Conversions

## Conversions Part 1

Format	Color
Hex	700A03
RGB	112, 10, 3
RGB Percent	44%, 4%, 1%
CMY	0.5608, 0.9608, 0.9882
CMYK	0.00, 0.91, 0.97, 0.56
HSL	4°, 95%, 23%
HSV	4°, 97%, 44%
XYZ	6.8071, 3.6684, 0.4354
YIQ	39.7000, 63.0390, 19.4470

# Conversions

## Conversions Part 2

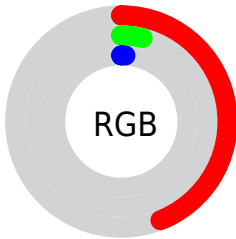
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 10, 3
Decimal	7342595
CIE Lab	22.54, 41.50, 32.64
CIE LCh	23, 52.801, 38.182
Yxy	3.6684, 0.6239, 0.3362
Android (android.graphics.Color)	4285532675 (0xFF700A03)
YUV	39.7000, -18.0931, 63.4071
Hunter-Lab	19.1531, 29.9217, 12.0592

# Details

The Hex color **700A03** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **036970**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **AB4331**, and **380001** is the 20% darker color. If you saturate the color by 10%, you get **700700**, and if you desaturate by 10%, it is **70140E**.

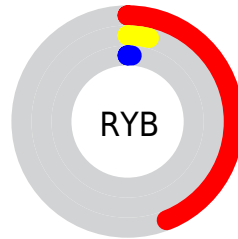
# Distribution



Red (44%)

Green (4%)

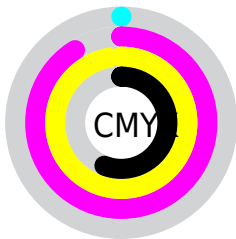
Blue (1%)



Red (44%)

Yellow (4%)

Blue (1%)

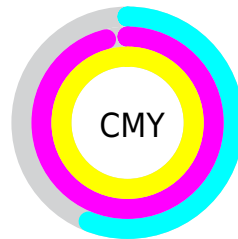


Cyan (0%)

Magenta (91%)

Yellow (97%)

Black (56%)



Cyan (56%)

Magenta (96%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 700A03 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 700A03 by changing the saturation by 10% instead.



 700A03

 700A03

 FFFFE5

 530000

 AB4331

 380001

 C95D48

 150000

 E77760

 000000

 FF9279

 FFAD93

 FFC9AD

 FFE6C9

 700A03

 700A03

■ 700700

■ 70140E

■ 701F19

■ 702925

■ 703430

■ 703E3B

■ 704946

■ 705351

■ 705E5D

■ 706868

# Harmonies

## Analogous

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



78002D



700A03



5A2800

# Triad

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



700A03



004416



003885

# Complementary

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



700A03



036970

# 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.



004280



700A03



004540

# Square

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



700A03



074000



004566



402475

# Rectangle

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



700A03



453400



004566



003C86



# Sweetspot

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



700A03



916A67



70036B



4A3230



C9C9C9



4A4A4A



# Same Dimension

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



700A03



910900



703F03



383332



780800



F71000



# Inverse Universe

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



036970



008891



033470



323838



007078

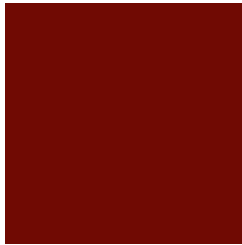


00E7F7



# Previews

## White Background



This preview shows how the Hex color 700A03 looks on a white background.

## Color Contrast Check

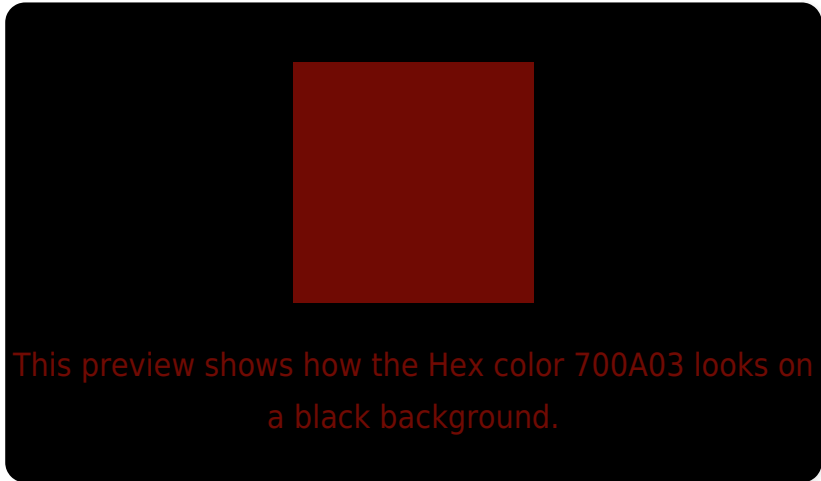
Large Text (above 18pt) WCAG AA ✓ Pass

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

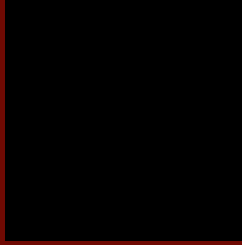
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 700A03 Background



This preview shows how black text looks on a background with the Hex color 700A03.



This preview shows how white text looks on a background with the Hex color 700A03.

# 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**  
700A03

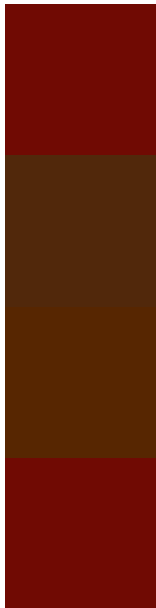
**Protanopia**  
40390F

**Deuteranopia**  
483600



**Tritanopia**  
700A03

# Trichromacy



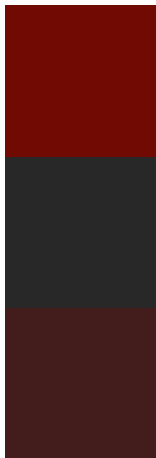
**Original Color**  
700A03

**Protanomaly**  
51280B

**Deuteranomaly**  
572601

**Tritanomaly**  
700A03

# Monochromacy



**Original Color**  
700A03

**Achromatopsia**  
282828

**Achromatomaly**  
421D1B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 700A03 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 #700A03 looks like.

```
.text, #text, p{  
    color:#700A03  
}
```

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 #700A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #700A03
}
```

## Border

The CSS property to change the border of an element to Hex 700A03 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".

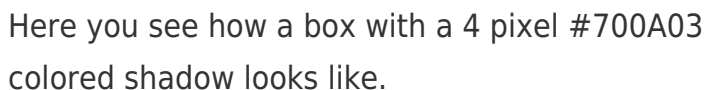
```
.border, #border, table{ border:4px solid
#700A03 }
```

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

```
.border{ border-color:#700A03 }
```

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

Here you see how a box with a 4 pixel #700A03 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #700A03; -webkit-box-shadow:4px 4px  
4px 4px #700A03; box-shadow:4px 4px 4px  
4px #700A03 }
```

# Background

The CSS property to change the background color of an element to Hex 700A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#700A03 }
```

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

```
.background{ background-color:#700A03 }
```

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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