

# Converting Colors

Hex(703023)

Have a look what the booklet for  
Hex(703023) contains.

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**Color**

**Hex(703023)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	703023
RGB	112, 48, 35
RGB Percent	44%, 19%, 14%
CMY	0.5608, 0.8118, 0.8627
CMYK	0.00, 0.57, 0.69, 0.56
HSL	10°, 52%, 29%
HSV	10°, 69%, 44%
XYZ	8.0424, 5.6800, 2.2626
YIQ	65.6540, 42.3170, 9.5250

# Conversions

## Conversions Part 2

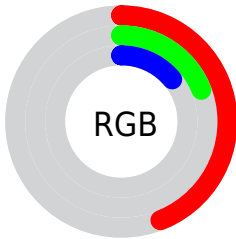
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 51, 35
Decimal	7352355
CIE <sub>Lab</sub>	28.59, 27.31, 21.89
CIE <sub>LCh</sub>	29, 35.003, 38.720
Yxy	5.6800, 0.5031, 0.3553
Android (android.graphics.Color)	4285542435 (0xFF703023)
YUV	65.6540, -15.1124, 40.6454
Hunter-Lab	23.8327, 18.5279, 11.0542

# Details

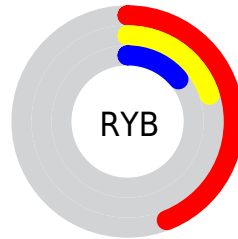
The Hex color **703023** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **236370**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A86050**, and **3B0100** is the 20% darker color. If you saturate the color by 10%, you get **702718**, and if you desaturate by 10%, it is **70392E**.

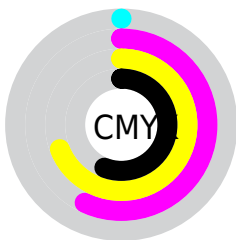
# Distribution



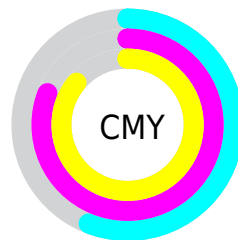
- Red (44%)
- Green (19%)
- Blue (14%)



- Red (44%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (57%)
- Yellow (69%)
- Black (56%)



- Cyan (56%)
- Magenta (81%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 703023 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 703023 by changing the saturation by 10% instead.



 703023

 703023

FFFFFF

 55190E

 A86050

 3B0100

 C47968

 230001

 E29481

 000000

 FFAF9B

 FFCAB6

 FFE7D2

 FFFFEE

 703023

 703023

■ 702718

■ 70392E

■ 701D0D

■ 704339

■ 701401

■ 704C45

■ 701300

■ 705550

■ 705F5B

■ 706866

■ 707171

■ 707A7D

■ 708488

# Harmonies

## Analogous

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



742A3D



703023



613B0E

# Triad

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



703023



004F2F



174479

# Complementary

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



703023



236370

# 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.



004C76



703023



00504B

# Square

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



703023



2D4B16



004F65



4F396E

# Rectangle

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



703023



524207



004F65



004779



# Sweetspot

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



703023



917873



702363



4A3B37



C9C9C9



4A4A4A



# Same Dimension

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



703023



912D19



705623



383332



781400



F72A00



# Inverse Universe

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



236370



197D91



233D70



323738



006478



00CEF7



# Previews

## White Background



This preview shows how the Hex color 703023 looks on a white background.

## Color Contrast Check

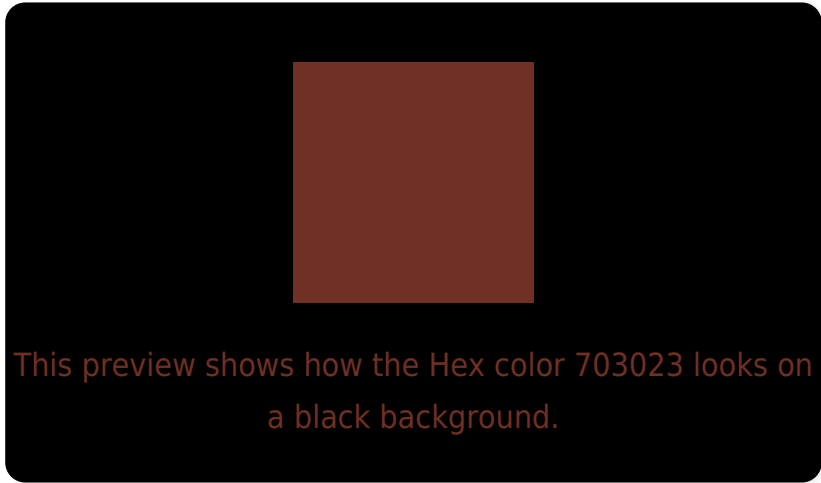
Large Text (above 18pt) WCAG AA ✓ Pass

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 703023 Background



This preview shows how black text looks on a background with the Hex color 703023.

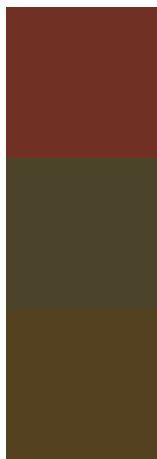


This preview shows how white text looks on a background with the Hex color 703023.

# 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**  
703023

**Protanopia**  
4B442A

**Deuteranopia**  
544120



**Tritanopia**  
712E31

# Trichromacy



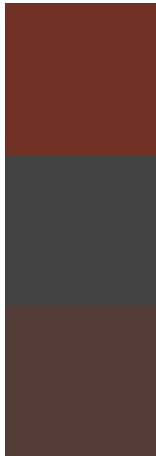
**Original Color**  
703023

**Protanomaly**  
583D27

**Deuteranomaly**  
5E3B21

**Tritanomaly**  
712F2C

# Monochromacy



**Original Color**  
703023

**Achromatopsia**  
424242

**Achromatomaly**  
533B37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 703023 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 #703023 looks like.

```
.text, #text, p{  
    color:#703023  
}
```

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 #703023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #703023
}
```

## Border

The CSS property to change the border of an element to Hex 703023 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".

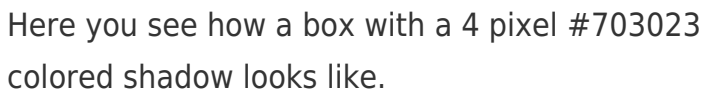
```
.border, #border, table{ border:4px solid
#703023 }
```

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

```
.border{ border-color:#703023 }
```

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

Here you see how a box with a 4 pixel #703023 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #703023; -webkit-box-shadow:4px 4px  
4px 4px #703023; box-shadow:4px 4px 4px  
4px #703023 }
```

# Background

The CSS property to change the background color of an element to Hex 703023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#703023 }
```

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

```
.background{ background-color:#703023 }
```

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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