

# Converting Colors

Hex(703D09)

Have a look what the booklet for  
Hex(703D09) contains.

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**Color**

**Hex(703D09)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	703D09
RGB	112, 61, 9
RGB Percent	44%, 24%, 4%
CMY	0.5608, 0.7608, 0.9647
CMYK	0.00, 0.46, 0.92, 0.56
HSL	30°, 85%, 24%
HSV	30°, 92%, 44%
XYZ	8.4001, 6.8020, 1.1286
YIQ	70.3210, 47.0880, -5.3600

# Conversions

## Conversions Part 2

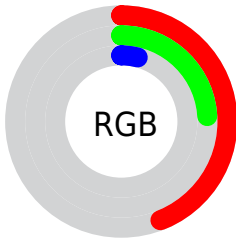
Format	Color
<a href="#">RYB</a>	<a href="#">110, 112, 9</a>
Decimal	<a href="#">7355657</a>
CIELab	<a href="#">31.35, 18.61, 38.03</a>
CIELCh	<a href="#">31, 42.344, 63.922</a>
Yxy	<a href="#">6.8020, 0.5144, 0.4165</a>
Android (android.graphics.Color)	<a href="#">4285545737 (0xFF703D09)</a>
YUV	<a href="#">70.3210, -30.2313, 36.5525</a>
Hunter-Lab	<a href="#">26.0806, 11.8511, 15.6907</a>

# Details

The Hex color **703D09** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **093C70**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A86D39**, and **3A1200** is the 20% darker color. If you saturate the color by 10%, you get **703900**, and if you desaturate by 10%, it is **704314**.

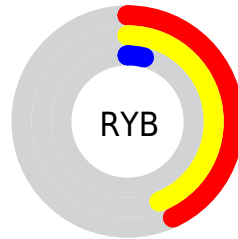
# Distribution



Red (44%)

Green (24%)

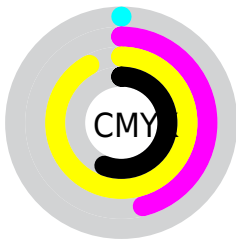
Blue (4%)



Red (43%)

Yellow (44%)

Blue (4%)

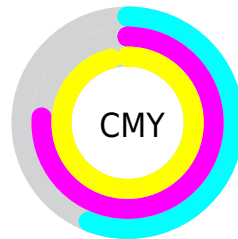


Cyan (0%)

Magenta (46%)

Yellow (92%)

Black (56%)



Cyan (56%)

Magenta (76%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 703D09 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 703D09 by changing the saturation by 10% instead.



 703D09

 703D09

 FFFFF2

 552700

 A86D39

 3A1200

 C58651

 230000

 E3A16A

 000000

 FFBC84

 FFD89E

 FFF4B9

 FFFF5D

 703D09

 703D09

■ 703900

■ 704314

■ 70481F

■ 704E2B

■ 705336

■ 705941

■ 705E4C

■ 706457

■ 706963

■ 706F6E

# Harmonies

## Analogous

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



812E27



703D09



564A00

# Triad

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



703D09



00594D



4F3F81

# Complementary

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



703D09



093C70

# 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.



004C8C



703D09



00586E

# Square

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



703D09



00572B



005585



752F68

# Rectangle

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



703D09



405001



005585



3B4487



# Sweetspot

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



703D09



917D69



70093D



4A3E31



C9C9C9



4A4A4A



# Same Dimension

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



703D09



914900



707009



383532



783D00



F77D00



# Inverse Universe

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



093C70



004891



090970



323538



003B78

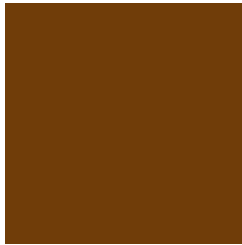


007AF7



# Previews

## White Background



This preview shows how the Hex color 703D09 looks on a white background.

## Color Contrast Check

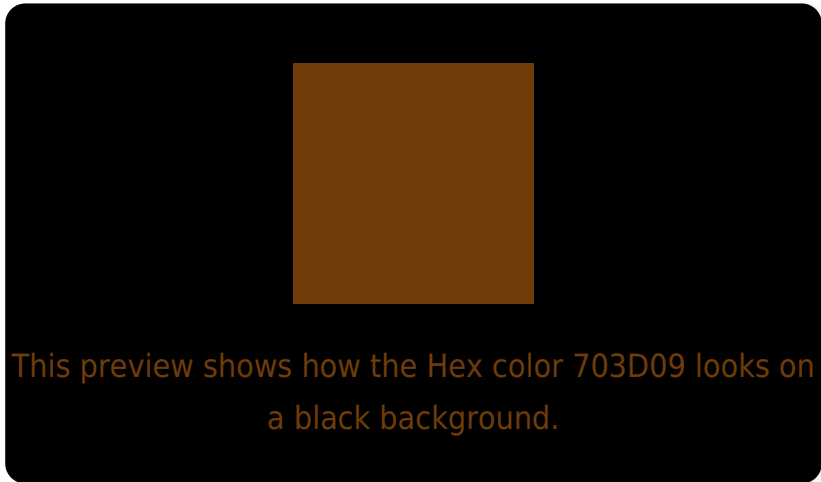
Large Text (above 18pt) WCAG AA ✓ Pass

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

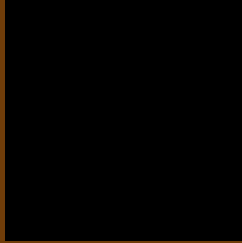
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 703D09 Background



This preview shows how black text looks on a background with the Hex color 703D09.



This preview shows how white text looks on a background with the Hex color 703D09.

# 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**  
703D09

**Protanopia**  
544B0D

**Deuteranopia**  
5E4700



**Tritanopia**  
72393D

# Trichromacy



**Original Color**  
703D09

**Protanomaly**  
5E460C

**Deuteranomaly**  
654303

**Tritanomaly**  
713A2A

# Monochromacy



**Original Color**  
703D09

**Achromatopsia**  
464646

**Achromatomaly**  
554330

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 703D09 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 #703D09 looks like.

```
.text, #text, p{  
    color:#703D09  
}
```

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 #703D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #703D09
}
```

## Border

The CSS property to change the border of an element to Hex 703D09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

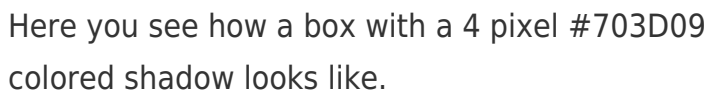
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#703D09 }
```

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

```
.border{ border-color:#703D09 }
```

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



Here you see how a box with a 4 pixel #703D09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #703D09; -webkit-box-shadow:4px 4px  
4px 4px #703D09; box-shadow:4px 4px 4px  
4px #703D09 }
```

# Background

The CSS property to change the background color of an element to Hex 703D09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#703D09 }
```

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

```
.background{ background-color:#703D09 }
```

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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