

# Converting Colors

Hex(703812)

Have a look what the booklet for  
Hex(703812) contains.

<b>Hex(703812)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(703812)**

# Conversions

## Conversions Part 1

Format	Color
Hex	703812
RGB	112, 56, 18
RGB Percent	44%, 22%, 7%
CMY	0.5608, 0.7804, 0.9294
CMYK	0.00, 0.50, 0.84, 0.56
HSL	24°, 72%, 25%
HSV	24°, 84%, 44%
XYZ	8.2054, 6.3168, 1.3590
YIQ	68.4120, 45.5740, 0.0540

# Conversions

## Conversions Part 2

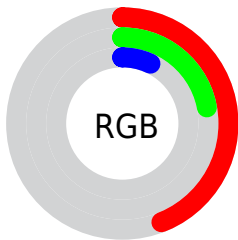
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 82, 18
Decimal	7354386
CIE Lab	30.20, 21.85, 33.26
CIE LCh	30, 39.796, 56.692
Yxy	6.3168, 0.5167, 0.3977
Android (android.graphics.Color)	4285544466 (0xFF703812)
YUV	68.4120, -24.8531, 38.2267
Hunter-Lab	25.1332, 14.2934, 14.3872

# Details


The Hex color **703812** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **124A70**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A8683F**, and **3A0C00** is the 20% darker color. If you saturate the color by 10%, you get **703107**, and if you desaturate by 10%, it is **703F1D**.

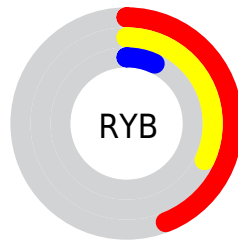
# Distribution



 Red (44%)

 Green (22%)

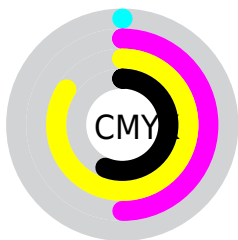
 Blue (7%)





 Red (44%)

 Yellow (32%)

 Blue (7%)

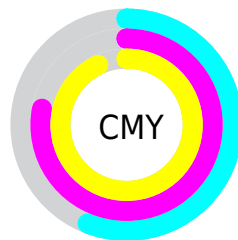



 Cyan (0%)

 Magenta (50%)

 Yellow (84%)

 Black (56%)



 Cyan (56%)

 Magenta (78%)

 Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 703812 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 703812 by changing the saturation by 10% instead.



 703812

 703812

 FFFFF9

 552100

 A8683F

 3A0C00

 C58157

 240001

 E39B70


 000000

 FFB68A

 FFD2A5

 FFEFC0

 FFFFDC

 703812

 703812

■ 703107

■ 703F1D

■ 702D00

■ 704528

■ 704C34

■ 70533F

■ 70594A

■ 706055

■ 706760

■ 706D6C

■ 707477

# Harmonies

## Analogous

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



7D2B2D



703812



594400

# Triad

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



703812



005543



40407F

# Complementary

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



703812



124A70

# 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.



004C85



703812



005562

# Square

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



703812



075323



00537B



69326A

# Rectangle

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



703812



464B01



00537B



294583



# Sweetspot

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



703812



917C6D



70124A



4A3D34



C9C9C9



4A4A4A



# Same Dimension

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



703812



913B00



706712



383532



783000



F76400



# Inverse Universe

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



124A70



005791



121B70



323638



004778



0093F7



# Previews

## White Background



This preview shows how the Hex color 703812 looks on a white background.

## Color Contrast Check

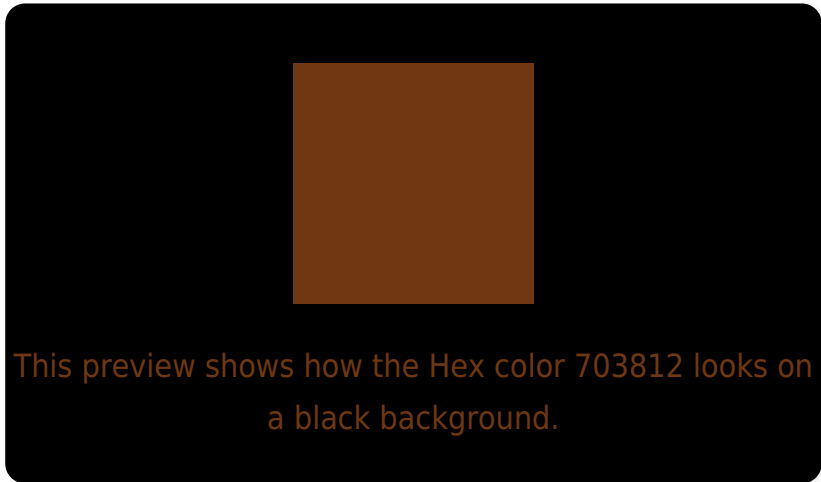
Large Text (above 18pt) WCAG AA ✓ Pass

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 703812 Background



This preview shows how black text looks on a background with the Hex color 703812.



This preview shows how white text looks on a background with the Hex color 703812.

# 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**  
703812

**Protanopia**  
514816

**Deuteranopia**  
5B440C



**Tritanopia**  
723438

# Trichromacy



**Original Color**  
703812

**Protanomaly**  
5C4215

**Deuteranomaly**  
63400E

**Tritanomaly**  
71352A

# Monochromacy



**Original Color**  
703812

**Achromatopsia**  
444444

**Achromatomaly**  
544032

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 703812 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 #703812 looks like.

```
.text, #text, p{  
    color:#703812  
}
```

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 #703812 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #703812
}
```

## Border

The CSS property to change the border of an element to Hex 703812 is called "border". The border property can be set on classes, ids or directly on the HTML element.

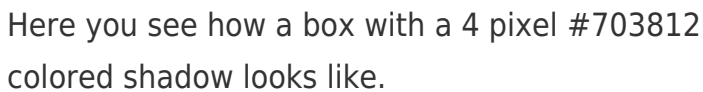
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#703812 }
```

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

```
.border{ border-color:#703812 }
```

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



Here you see how a box with a 4 pixel #703812 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #703812; -webkit-box-shadow:4px 4px  
4px 4px #703812; box-shadow:4px 4px 4px  
4px #703812 }
```

# Background

The CSS property to change the background color of an element to Hex 703812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#703812 }
```

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

```
.background{ background-color:#703812 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor