

# Converting Colors

Hex(723822)

Have a look what the booklet for  
Hex(723822) contains.

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**Color**

**Hex(723822)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	723822
RGB	114, 56, 34
RGB Percent	45%, 22%, 13%
CMY	0.5529, 0.7804, 0.8667
CMYK	0.00, 0.51, 0.70, 0.55
HSL	16°, 54%, 29%
HSV	16°, 70%, 45%
XYZ	8.6423, 6.5212, 2.3166
YIQ	70.8340, 41.6300, 5.4540

# Conversions

## Conversions Part 2

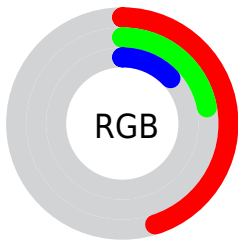
Format	Color
<a href="#">RYB</a>	<a href="#">114, 64, 34</a>
Decimal	<a href="#">7485474</a>
<a href="#">CIELab</a>	<a href="#">30.69, 23.58, 25.08</a>
<a href="#">CIElCh</a>	<a href="#">31, 34.427, 46.767</a>
<a href="#">Yxy</a>	<a href="#">6.5212, 0.4944, 0.3731</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4285675554 (0xFF723822)</a>
<a href="#">YUV</a>	<a href="#">70.8340, -18.1592, 37.8566</a>
<a href="#">Hunter-Lab</a>	<a href="#">25.5367, 15.7201, 12.4971</a>

# Details

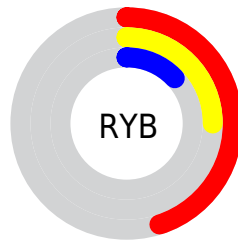
The Hex color **723822** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **225C72**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **AA684F**, and **3D0B00** is the 20% darker color. If you saturate the color by 10%, you get **723017**, and if you desaturate by 10%, it is **72402D**.

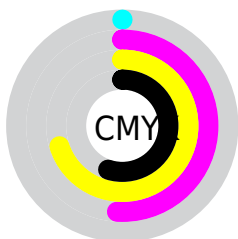
# Distribution



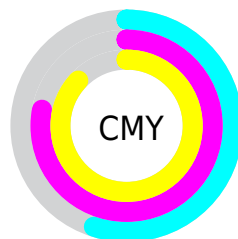
- Red (45%)
- Green (22%)
- Blue (13%)



- Red (45%)
- Yellow (25%)
- Blue (13%)



- Cyan (0%)
- Magenta (51%)
- Yellow (70%)
- Black (55%)



- Cyan (55%)
- Magenta (78%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 723822 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 723822 by changing the saturation by 10% instead.



 723822

 723822

FFFFFF

 57210D

 AA684F

 3D0B00

 C68267

 270001

 E49C81

 000000

 FFB79B

 FFD3B6

 FFEFD1

 FFFFEE

 723822

 723822

■ 723017

■ 72402D

■ 72270B

■ 724939

■ 721F00

■ 725144

■ 725950

■ 72615B

■ 726A66

■ 727272

■ 727A7D

■ 728289

# Harmonies

## Analogous

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



79303A



723822



604311

# Triad

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



723822



00543B



33467C

# Complementary

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



723822



225C72

# 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.



004F7C



723822



005557

# Square

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



723822



295121



00546F



5D3B6D

# Rectangle

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



723822



51490E



00546F



1A497E



# Sweetspot

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



723822



947D75



72225D



4A3D37



C9C9C9



4A4A4A



# Same Dimension

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



723822



943A18



725F22



383432



782100



F74400



# Inverse Universe

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



225C72



187294



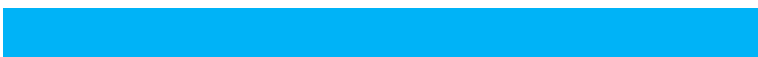
223572



323738



005778



00B3F7



# Previews

## White Background



This preview shows how the Hex color 723822 looks on a white background.

## Color Contrast Check

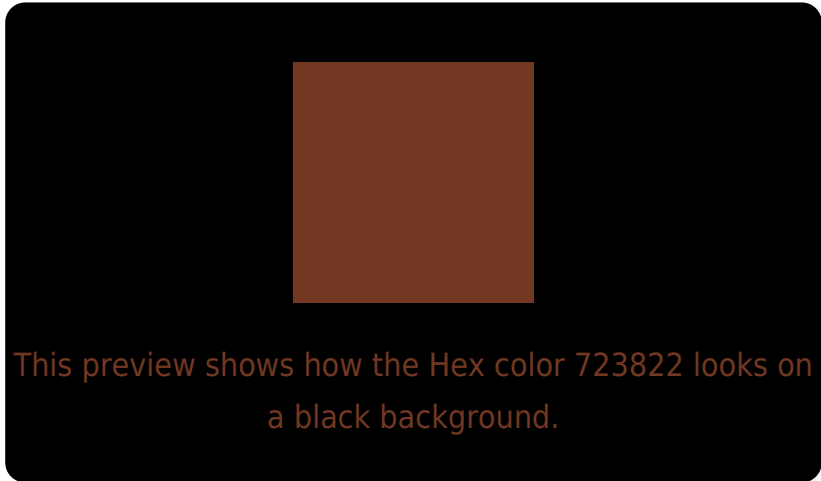
Large Text (above 18pt) WCAG AA ✓ Pass

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

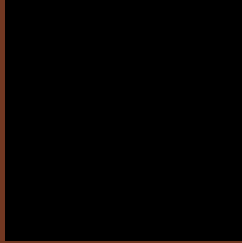
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 723822 Background



This preview shows how black text looks on a background with the Hex color 723822.



This preview shows how white text looks on a background with the Hex color 723822.

# 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**  
723822

**Protanopia**  
504928

**Deuteranopia**  
5B451F



**Tritanopia**  
733539

# Trichromacy



**Original Color**  
723822

**Protanomaly**  
5C4326

**Deuteranomaly**  
634020

**Tritanomaly**  
733631

# Monochromacy



**Original Color**  
723822

**Achromatopsia**  
474747

**Achromatomaly**  
57423A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 723822 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 #723822 looks like.

```
.text, #text, p{  
    color:#723822  
}
```

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 #723822 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #723822
}
```

## Border

The CSS property to change the border of an element to Hex 723822 is called "border". The border property can be set on classes, ids or directly on the HTML element.

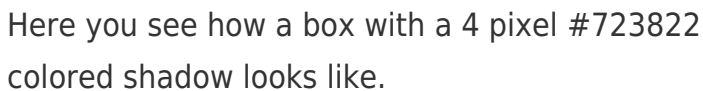
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#723822 }
```

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

```
.border{ border-color:#723822 }
```

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



Here you see how a box with a 4 pixel #723822 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #723822; -webkit-box-shadow:4px 4px  
4px 4px #723822; box-shadow:4px 4px 4px  
4px #723822 }
```

# Background

The CSS property to change the background color of an element to Hex 723822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#723822 }
```

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

```
.background{ background-color:#723822 }
```

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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