

Converting Colors

Hex(723533)

Have a look what the booklet for
Hex(723533) contains.

Hex(723533)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(723533)

Conversions

Conversions Part 1

Format	Color
Hex	723533
RGB	114, 53, 51
RGB Percent	45%, 21%, 20%
CMY	0.5529, 0.7922, 0.8000
CMYK	0.00, 0.54, 0.55, 0.55
HSL	2°, 38%, 32%
HSV	2°, 55%, 45%
XYZ	8.8101, 6.3626, 3.8957
YIQ	71.0110, 36.9980, 12.3100

Conversions

Conversions Part 2

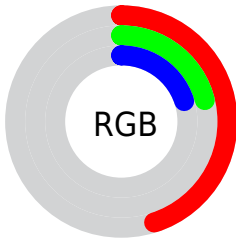
Format	Color
R_{YB}	114, 53, 51
Decimal	7484723
CIE Lab	30.31, 26.67, 13.94
CIE LCh	30, 30.096, 27.595
Yxy	6.3626, 0.4620, 0.3337
Android (android.graphics.Color)	4285674803 (0xFF723533)
YUV	71.0110, -9.8654, 37.7014
Hunter-Lab	25.2243, 18.2022, 8.5000

Details

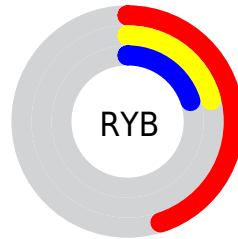
The Hex color **723533** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **337072**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A96561**, and **3E0605** is the 20% darker color. If you saturate the color by 10%, you get **722A28**, and if you desaturate by 10%, it is **72403E**.

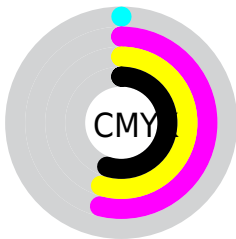
Distribution



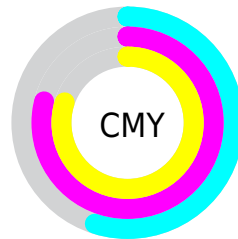
- Red (45%)
- Green (21%)
- Blue (20%)



- Red (45%)
- Yellow (21%)
- Blue (20%)



- Cyan (0%)
- Magenta (54%)
- Yellow (55%)
- Black (55%)



- Cyan (55%)
- Magenta (79%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 723533 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 723533 by changing the saturation by 10% instead.

 723533

 723533

FFFFFF

 581E1E

 A96561

 3E0605

 C57F7A

 280001

 E29994

 000000

 FFB4AF

 FFD0CA

 FFEDE6

 723533

 723533

 722A28

 72403E

■ 721F1C

■ 724B4A

■ 721411

■ 725655

■ 720905

■ 726161

■ 720400

■ 726C6C

■ 727777

■ 728283

■ 728D8E

■ 72989A

Harmonies

Analogous

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



71334A



723533



683D20

Triad

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



723533



21512D



0E4A76

Complementary

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



723533



337072

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.



00506E



723533



005345

Square

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



723533



3F4C1C



00535C



454271

Rectangle

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



723533



5D4318



00535C



004D75

Sweetspot

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



723533



947C7B



723371



4A3C3B



C9C9C9



4A4A4A

Same Dimension

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



723533



943532



725433



383332



780400



F70800

Inverse Universe

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



337072



329194



335172



323838



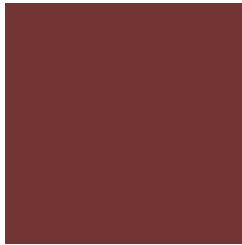
007478



00EFF7

Previews

White Background



This preview shows how the Hex color 723533 looks on a white background.

Color Contrast Check

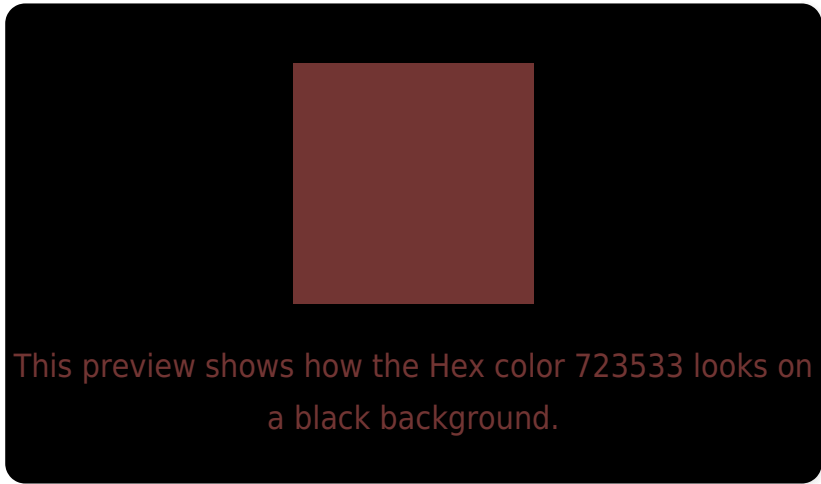
Large Text (above 18pt) WCAG AA ✓ Pass

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 723533 Background



This preview shows how black text looks on a background with the Hex color 723533.

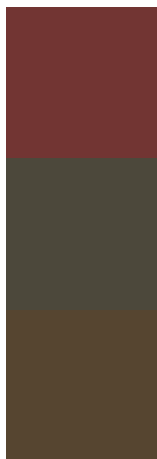


This preview shows how white text looks on a background with the Hex color 723533.

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
723533

Protanopia
4C483B

Deuteranopia
564530

Trichromacy



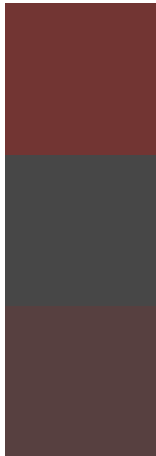
Original Color
723533

Protanomaly
5A4138

Deuteranomaly
603F31

Tritanomaly
723436

Monochromacy



Original Color
723533

Achromatopsia
474747

Achromatomaly
574040

CSS Examples

Text

The CSS property to change the color of the text to Hex 723533 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 #723533 looks like.

```
.text, #text, p{  
    color:#723533  
}
```

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 #723533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #723533
}
```

Border

The CSS property to change the border of an element to Hex 723533 is called "border". The border property can be set on classes, ids or directly on the HTML element.

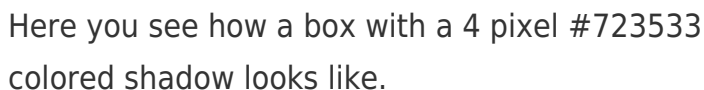
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#723533 }
```

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

```
.border{ border-color:#723533 }
```

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



Here you see how a box with a 4 pixel `#723533` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #723533; -webkit-box-shadow:4px 4px  
4px 4px #723533; box-shadow:4px 4px 4px  
4px #723533 }
```

Background

The CSS property to change the background color of an element to Hex 723533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#723533 }
```

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

```
.background{ background-color:#723533 }
```

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