

Converting Colors

Hex(723954)

Have a look what the booklet for
Hex(723954) contains.

Hex(723954)	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(723954)

Conversions

Conversions Part 1

Format	Color
Hex	723954
RGB	114, 57, 84
RGB Percent	45%, 22%, 33%
CMY	0.5529, 0.7765, 0.6706
CMYK	0.00, 0.50, 0.26, 0.55
HSL	332°, 33%, 34%
HSV	332°, 50%, 45%
XYZ	10.0028, 7.1438, 9.2392
YIQ	77.1210, 25.3050, 20.4810

Conversions

Conversions Part 2

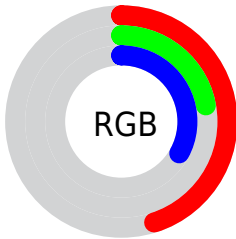
Format	Color
R_{YB}	114, 57, 84
Decimal	7485780
CIE _{Lab}	32.13, 28.60, -4.90
CIE _{LCh}	32, 29.016, 350.277
Yxy	7.1438, 0.3791, 0.2707
Android (android.graphics.Color)	4285675860 (0xFF723954)
YUV	77.1210, 3.3913, 32.3429
Hunter-Lab	26.7278, 20.0294, -1.7857

Details

The Hex color **723954** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **397257**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **A76A85**, and **400927** is the 20% darker color. If you saturate the color by 10%, you get **722E4E**, and if you desaturate by 10%, it is **72445A**.

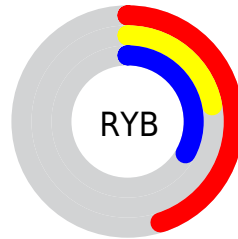
Distribution



Red (45%)

Green (22%)

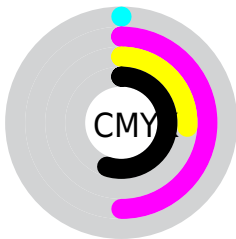
Blue (33%)



Red (45%)

Yellow (22%)

Blue (33%)

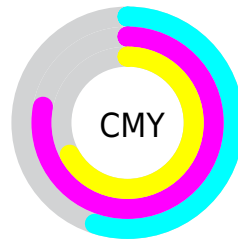


Cyan (0%)

Magenta (50%)

Yellow (26%)

Black (55%)



Cyan (55%)

Magenta (78%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 723954 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 723954 by changing the saturation by 10% instead.

 723954

 723954

FFFFFF

 58223D

 A76A85

 400927

 C384A0

 2A0013

 E09EBB

 000000

 FDB9D6

 FFD5F3

 FFF2FF

 723954

 723954

 722E4E

 72445A

722248

725060

721742

725B66

720B3C

72676C

720036

727272

727D78

72897E

729484

72A08A

Harmonies

Analogous

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



604069



723954



76393D

Triad

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



723954



4A4F1F



00556E

Complementary

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



723954



397257

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.



00575B



723954



2F542D

Square

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



723954



5F481D



005743



025078

Rectangle

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



723954



733D2F



005743



005668

Sweetspot

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



723954



947E88



563972



4A3D43



C9C9C9



4A4A4A

Same Dimension

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



723954



943B65



723A39



383235



780039



F70075

Inverse Universe

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



723954



943B65



397172



383235



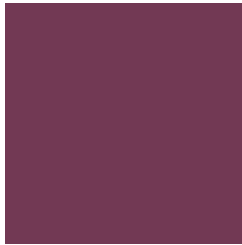
780039



F70075

Previews

White Background



This preview shows how the Hex color 723954 looks on a white background.

Color Contrast Check

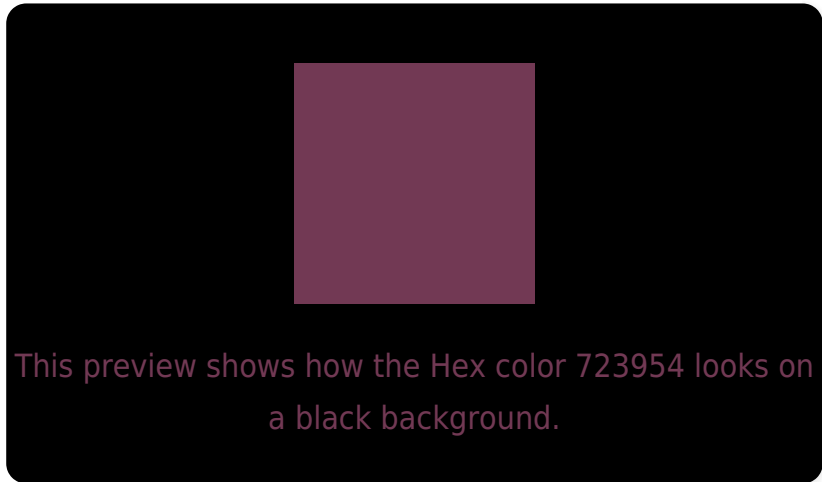
Large Text (above 18pt) WCAG AA ✓ Pass

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

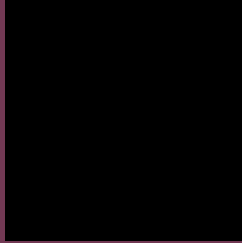
Any Text WCAG AA × Fail

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 723954 Background



This preview shows how black text looks on a background with the Hex color 723954.

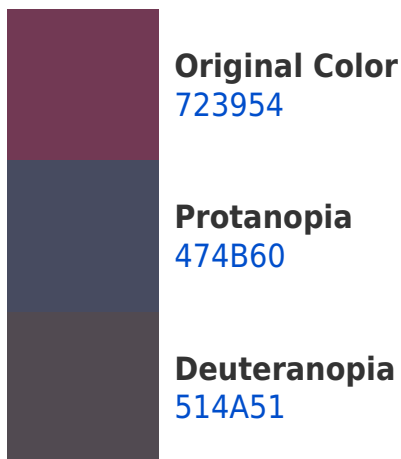


This preview shows how white text looks on a background with the Hex color 723954.

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





Tritanopia
703D41

Trichromacy



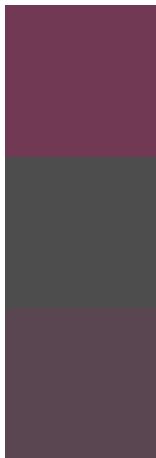
Original Color
723954

Protanomaly
57445C

Deuteranomaly
5D4452

Tritanomaly
713C48

Monochromacy



Original Color
723954

Achromatopsia
4D4D4D

Achromatomaly
5A4650

CSS Examples

Text

The CSS property to change the color of the text to Hex 723954 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 #723954 looks like.

```
.text, #text, p{  
    color:#723954  
}
```

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 #723954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #723954
}
```

Border

The CSS property to change the border of an element to Hex 723954 is called "border". The border property can be set on classes, ids or directly on the HTML element.

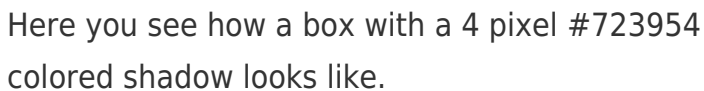
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#723954 }
```

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

```
.border{ border-color:#723954 }
```

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



Here you see how a box with a 4 pixel #723954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #723954; -webkit-box-shadow:4px 4px  
4px 4px #723954; box-shadow:4px 4px 4px  
4px #723954 }
```

Background

The CSS property to change the background color of an element to Hex 723954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#723954 }
```

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

```
.background{ background-color:#723954 }
```

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