

Converting Colors

Hex(93723C)

Have a look what the booklet for
Hex(93723C) contains.

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Color

Hex(93723C)

Conversions

Conversions Part 1

Format	Color
Hex	93723C
RGB	147, 114, 60
RGB Percent	58%, 45%, 24%
CMY	0.4235, 0.5529, 0.7647
CMYK	0.00, 0.22, 0.59, 0.42
HSL	37°, 42%, 41%
HSV	37°, 59%, 58%
XYZ	18.8655, 18.5639, 6.8638
YIQ	117.7110, 37.0020, -9.7980

Conversions

Conversions Part 2

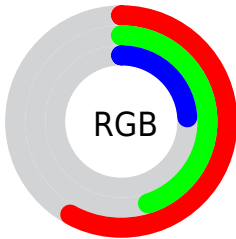
Format	Color
R_{YB}	113, 147, 60
Decimal	9663036
CIE _{Lab}	50.17, 6.43, 34.49
CIE _{LCh}	50, 35.089, 79.435
Yxy	18.5639, 0.4259, 0.4191
Android (android.graphics.Color)	4287853116 (0xFF93723C)
YUV	117.7110, -28.4515, 25.6865
Hunter-Lab	43.0859, 2.7576, 20.7149

Details

The Hex color **93723C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3C5D93**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **CBA66D**, and **5D420D** is the 20% darker color. If you saturate the color by 10%, you get **936C2D**, and if you desaturate by 10%, it is **93784B**.

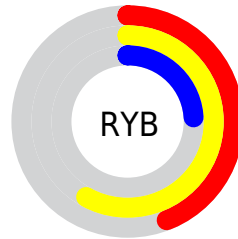
Distribution



Red (58%)

Green (45%)

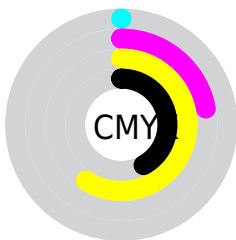
Blue (24%)



Red (44%)

Yellow (58%)

Blue (24%)

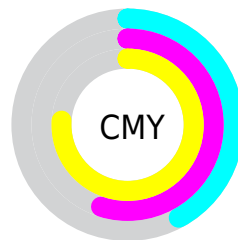


Cyan (0%)

Magenta (22%)

Yellow (59%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93723C 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 93723C by changing the saturation by 10% instead.

 93723C

 93723C

FFFFFF

 785A25

 CBA66D

 5D420D

 E8C187

 452C00

 FFDDA1

 2B1800

 FFF9BD

 100000

 FFFFD9

 000000

 FFFFF5

 93723C

 93723C

 936C2D

 93784B

■ 93671F

■ 937D59

■ 936110

■ 938368

■ 935C01

■ 938877

■ 935B00

■ 938E85

■ 939394

■ 9399A3

■ 939FB2

■ 93A4C0

Harmonies

Analogous

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



A8674B



93723C



777C3D

Triad

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



93723C



00878A



92689E

Complementary

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



93723C



3C5D93

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.



6A74B0



93723C



0084A4

Square

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



93723C



25866B



2D7EB2



AA6083

Rectangle

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



93723C



608148



2D7EB2



866CA6

Sweetspot

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



93723C



BFB29D



933C5D



61594C



E0E0E0



616161

Same Dimension

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



93723C



BF8C37



89933C



4A4743



8A5500



0A0600

Inverse Universe

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



3C5D93



376BBF



463C93



43454A



00348A



00040A

Previews

White Background



This preview shows how the Hex color 93723C looks on a white background.

Color Contrast Check

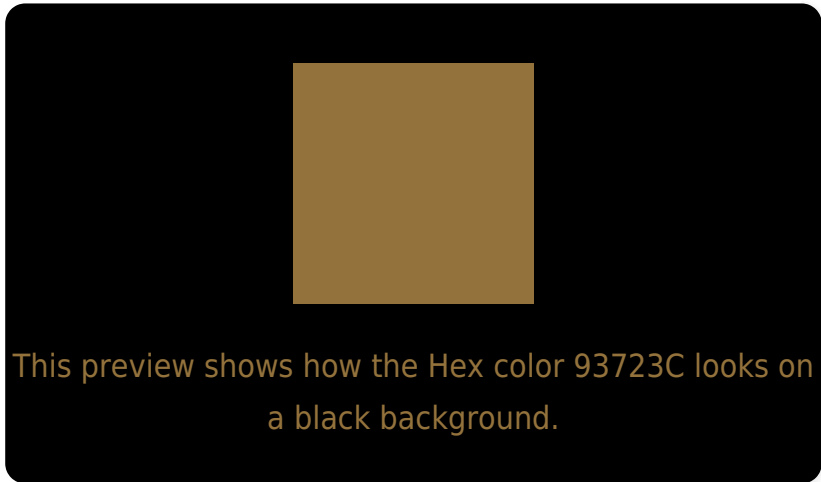
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

Hex 93723C Background



This preview shows how black text looks on a background with the Hex color 93723C.



This preview shows how white text looks on a background with the Hex color 93723C.

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
93723C

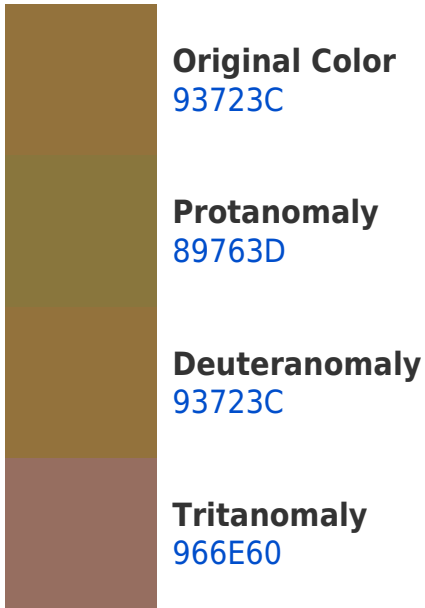
Protanopia
84783E

Deuteranopia
93723C

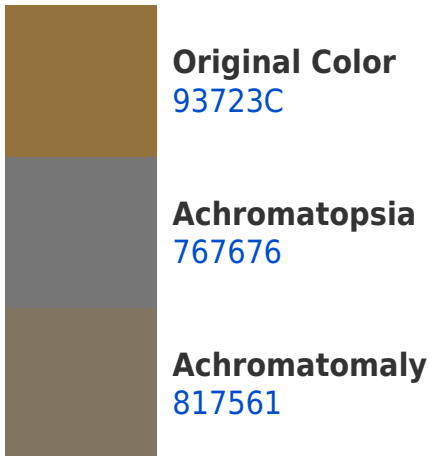


Tritanopia
986C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93723C 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 #93723C looks like.

```
.text, #text, p{  
    color:#93723C  
}
```

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 #93723C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93723C
}
```

Border

The CSS property to change the border of an element to Hex 93723C 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
#93723C }
```

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

```
.border{ border-color:#93723C }
```

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

Here you see how a box with a 4 pixel #93723C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93723C; -webkit-box-shadow:4px 4px  
4px 4px #93723C; box-shadow:4px 4px 4px  
4px #93723C }
```

Background

The CSS property to change the background color of an element to Hex 93723C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93723C }
```

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

```
.background{ background-color:#93723C }
```

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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