

Converting Colors

Hex(93735E)

Have a look what the booklet for
Hex(93735E) contains.

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Color

Hex(93735E)

Conversions

Conversions Part 1

Format	Color
Hex	93735E
RGB	147, 115, 94
RGB Percent	58%, 45%, 37%
CMY	0.4235, 0.5490, 0.6314
CMYK	0.00, 0.22, 0.36, 0.42
HSL	24°, 22%, 47%
HSV	24°, 36%, 58%
XYZ	20.1837, 19.2727, 13.2459
YIQ	122.1740, 25.8130, 0.2530

Conversions

Conversions Part 2

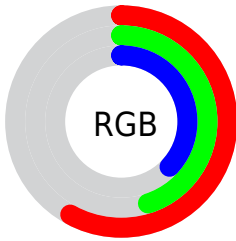
Format	Color
RYB	147, 129, 94
Decimal	9663326
CIELab	51.00, 9.49, 16.43
CIELCh	51, 18.970, 59.984
Yxy	19.2727, 0.3830, 0.3657
Android (android.graphics.Color)	4287853406 (0xFF93735E)
YUV	122.1740, -13.8898, 21.7724
Hunter-Lab	43.9006, 5.2409, 12.8412

Details

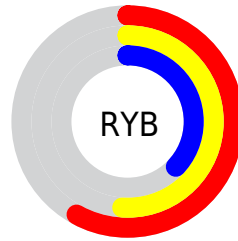
The Hex color **93735E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5E7E93**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **CAA790**, and **5F4330** is the 20% darker color. If you saturate the color by 10%, you get **936A4F**, and if you desaturate by 10%, it is **937C6D**.

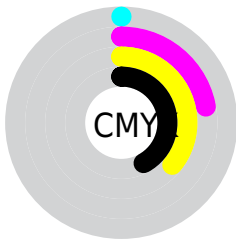
Distribution



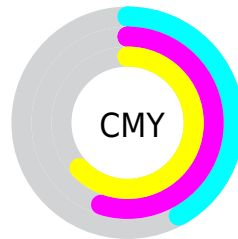
- Red (58%)
- Green (45%)
- Blue (37%)



- Red (58%)
- Yellow (51%)
- Blue (37%)



- Cyan (0%)
- Magenta (22%)
- Yellow (36%)
- Black (42%)



- Cyan (42%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93735E 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 93735E by changing the saturation by 10% instead.

 93735E

 93735E

FFFFFF

 795A46

 CAA790

 5F4330

 E6C2AB

 462D1B

 FFDEC6

 2F1801

 FFFBE2

 180000

 000000

 93735E

 93735E

 936A4F

 937C6D

 936141

 93857B

■ 935832

■ 938E8A

■ 934F23

■ 939799

■ 934715

■ 939FA8

■ 933E06

■ 93A8B6

■ 933A00

■ 93B1C5

■ 93BAD4

■ 93C3E2

Harmonies

Analogous

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



9A6F6A



93735E



857859

Triad

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



93735E



518379



7C7595

Complementary

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



93735E



5E7E93

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.



667B9A



93735E



4A8289

Square

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



93735E



618169



527F95



8E708A

Rectangle

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



93735E



7A7C5B



527F95



757798

Sweetspot

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



93735E



BFB3AA



935E7F



615954



E0E0E0



616161

Same Dimension

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



93735E



BF8E6D



938D5E



4A4543



8A3700



0A0400

Inverse Universe

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



5E7E93



6D9FBF



5E6493



43474A



00538A



00060A

Previews

White Background



This preview shows how the Hex color 93735E looks on a white background.

Color Contrast Check

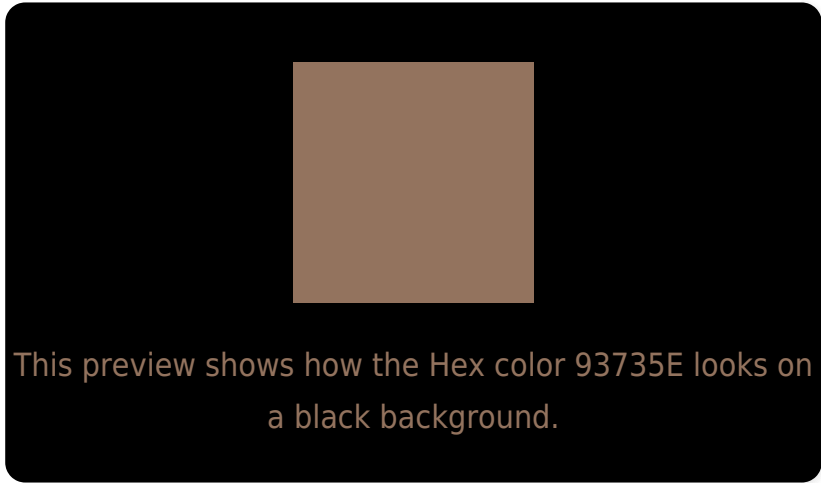
Large Text (above 18pt) WCAG AA ✓ Pass

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

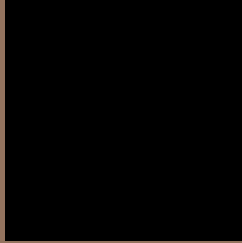
Any Text WCAG AA ✓ Pass

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 93735E Background



This preview shows how black text looks on a background with the Hex color 93735E.



This preview shows how white text looks on a background with the Hex color 93735E.

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
93735E

Protanopia
817961

Deuteranopia
8F755E



Tritanopia
966F78

Trichromacy



Original Color
93735E

Protanomaly
887760

Deuteranomaly
90745E

Tritanomaly
95706F

Monochromacy



Original Color
93735E

Achromatopsia
7A7A7A

Achromatomaly
837770

CSS Examples

Text

The CSS property to change the color of the text to Hex 93735E 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 #93735E looks like.

```
.text, #text, p{  
    color:#93735E  
}
```

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 #93735E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93735E
}
```

Border

The CSS property to change the border of an element to Hex 93735E is called "border". The border property can be set on classes, ids or directly on the HTML element.

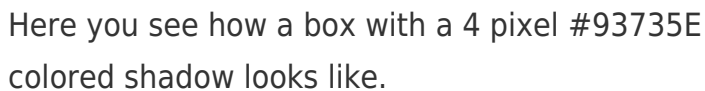
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93735E }
```

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

```
.border{ border-color:#93735E }
```

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



Here you see how a box with a 4 pixel #93735E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93735E; -webkit-box-shadow:4px 4px  
4px 4px #93735E; box-shadow:4px 4px 4px  
4px #93735E }
```

Background

The CSS property to change the background color of an element to Hex 93735E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93735E }
```

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

```
.background{ background-color:#93735E }
```

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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