

# Converting Colors

Hex(95793D)

Have a look what the booklet for  
Hex(95793D) contains.

<b>Hex(95793D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(95793D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95793D
RGB	149, 121, 61
RGB Percent	58%, 47%, 24%
CMY	0.4157, 0.5255, 0.7608
CMYK	0.00, 0.19, 0.59, 0.42
HSL	41°, 42%, 41%
HSV	41°, 59%, 58%
XYZ	20.0741, 20.4012, 7.2947
YIQ	122.5320, 35.9480, -12.7240

# Conversions

## Conversions Part 2

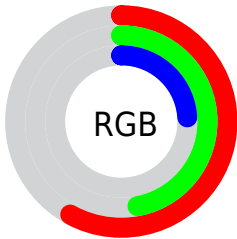
Format	Color
<b>RYB</b>	102, 149, 61
Decimal	9795901
CIELab	52.29, 3.42, 36.51
CIELCh	52, 36.668, 84.652
Yxy	20.4012, 0.4202, 0.4271
Android (android.graphics.Color)	4287985981 (0xFF95793D)
YUV	122.5320, -30.3353, 23.2124
Hunter-Lab	45.1677, 0.2881, 22.0419

# Details

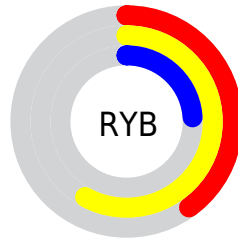
The Hex color **95793D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3D5995**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **CDAD6E**, and **5F490D** is the 20% darker color. If you saturate the color by 10%, you get **95742E**, and if you desaturate by 10%, it is **957E4C**.

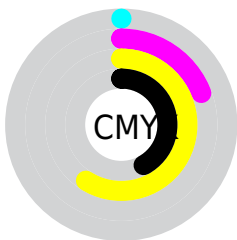
# Distribution



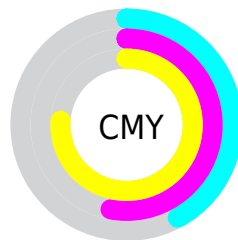
- Red (58%)
- Green (47%)
- Blue (24%)



- Red (40%)
- Yellow (58%)
- Blue (24%)



- Cyan (0%)
- Magenta (19%)
- Yellow (59%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95793D 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 95793D by changing the saturation by 10% instead.



 95793D

 95793D

FFFFFF

 7A6025

 CDAD6E

 5F490D

 EAC888

 463200

 FFE4A3

 2D1E00

 FFFFBE

 130500

 FFFFDA

 000000

 FFFFF7

 95793D

 95793D

 95742E

 957E4C

 95701F

 95825B

 956B10

 95876A

 956601

 958C79

 956600

 959188

 959596

 959AA5

 959FB4

 95A4C3

# Harmonies

## Analogous

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



AC6E4A



95793D



768342

# Triad

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



95793D



008D96



9F6BA1

# Complementary

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



95793D



3D5995

# 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.



7777B6



95793D



0089AF

# Square

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



95793D



158D76



3B82BB



B46384

# Rectangle

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



95793D



5E884F



3B82BB



936FAA



# Sweetspot

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



95793D



C2B79F



953D5A



615A4C



E0E0E0



616161



# Same Dimension

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



95793D



C29638



86953D



4A4843



8A5E00



0A0700



# Inverse Universe

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



3D5995



3864C2



4C3D95



43454A



002C8A



00030A



# Previews

## White Background



This preview shows how the Hex color 95793D looks on a white background.

## Color Contrast Check

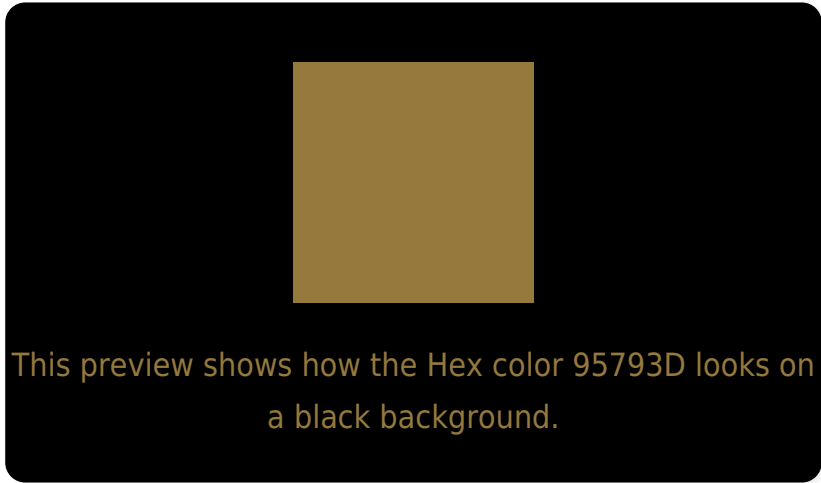
Large Text (above 18pt) WCAG AA ✓ Pass

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

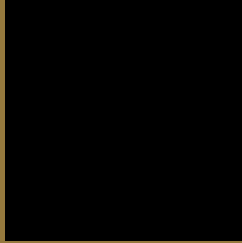
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 95793D Background



This preview shows how black text looks on a background with the Hex color 95793D.



This preview shows how white text looks on a background with the Hex color 95793D.

# 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**  
95793D

**Protanopia**  
8A7D3E

**Deuteranopia**  
9A773E



**Tritanopia**  
9A727B

# Trichromacy



**Original Color**  
95793D

**Protanomaly**  
8E7C3E

**Deuteranomaly**  
98783E

**Tritanomaly**  
987564

# Monochromacy



**Original Color**  
95793D

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
847A64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95793D 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 #95793D looks like.

```
.text, #text, p{  
    color:#95793D  
}
```

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 #95793D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95793D
}
```

## Border

The CSS property to change the border of an element to Hex 95793D 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
#95793D }
```

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

```
.border{ border-color:#95793D }
```

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

Here you see how a box with a 4 pixel #95793D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95793D; -webkit-box-shadow:4px 4px  
4px 4px #95793D; box-shadow:4px 4px 4px  
4px #95793D }
```

# Background

The CSS property to change the background color of an element to Hex 95793D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95793D }
```

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

```
.background{ background-color:#95793D }
```

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