

Converting Colors

Hex(91795A)

Have a look what the booklet for
Hex(91795A) contains.

Hex(91795A)	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(91795A)

Conversions

Conversions Part 1

Format	Color
Hex	91795A
RGB	145, 121, 90
RGB Percent	57%, 47%, 35%
CMY	0.4314, 0.5255, 0.6471
CMYK	0.00, 0.17, 0.38, 0.43
HSL	34°, 23%, 46%
HSV	34°, 38%, 57%
XYZ	20.3599, 20.4327, 12.5437
YIQ	124.6420, 24.2550, -4.5530

Conversions

Conversions Part 2

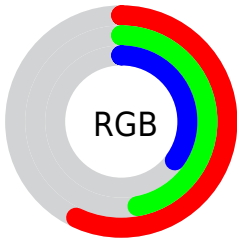
Format	Color
RYB	133, 145, 90
Decimal	9533786
CIELab	52.32, 4.67, 20.48
CIELCh	52, 21.008, 77.148
Yxy	20.4327, 0.3817, 0.3831
Android (android.graphics.Color)	4287723866 (0xFF91795A)
YUV	124.6420, -17.0785, 17.8540
Hunter-Lab	45.2025, 1.2947, 15.1888

Details

The Hex color **91795A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5A7291**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **C8AD8C**, and **5D492C** is the 20% darker color. If you saturate the color by 10%, you get **91734C**, and if you desaturate by 10%, it is **917F69**.

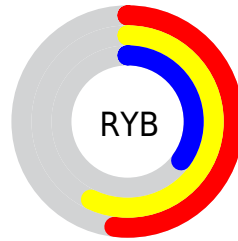
Distribution



Red (57%)

Green (47%)

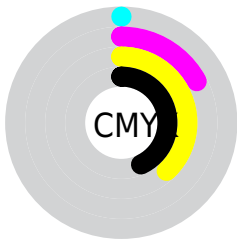
Blue (35%)



Red (52%)

Yellow (57%)

Blue (35%)

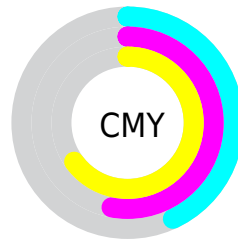


Cyan (0%)

Magenta (17%)

Yellow (38%)

Black (43%)



Cyan (43%)


Magenta (53%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91795A 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 91795A by changing the saturation by 10% instead.

 91795A

 91795A

FFFFFF

 776042

 C8AD8C

 5D492C

 E4C9A7

 453217

 FFE5C2


 2E1D00


 FFFFDE


 150400

 FFFFFB

 000000


 91795A

 91795A

 91734C

 917F69

 916C3D

 918677

■ 91662F

■ 918C86

■ 916020

■ 919294

■ 915912

■ 9199A3

■ 915303

■ 919FB1

■ 915200

■ 91A5C0

■ 91ACCE

■ 91B2DD

Harmonies

Analogous

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



9D7363



91795A



7F7F5A

Triad

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



91795A



498787



8C7595

Complementary

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



91795A



5A7291

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.



757B9F



91795A



4A8597

Square

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



91795A



578674



5C819F



9C7085

Rectangle

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



91795A



728260



5C819F



85779A

Sweetspot

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



91795A



BDB4A8



915A73



5E5952



DEDEDE



5E5E5E

Same Dimension

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



91795A



BD9766



8E915A



474440



874C00



080400

Inverse Universe

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



5A7291



668CBD



5D5A91



404347



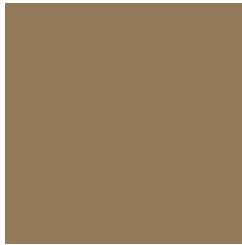
003B87



000308

Previews

White Background



This preview shows how the Hex color 91795A 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

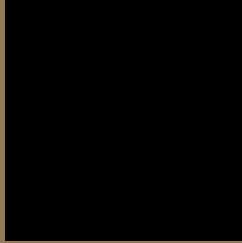
Any Text WCAG AA ✓ Pass

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 91795A Background



This preview shows how black text looks on a background with the Hex color 91795A.



This preview shows how white text looks on a background with the Hex color 91795A.

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
91795A

Protanopia
867D5C

Deuteranopia
94785A



Tritanopia
95747D

Trichromacy



Original Color
91795A

Protanomaly
8A7C5B

Deuteranomaly
93785A

Tritanomaly
947670

Monochromacy



Original Color
91795A

Achromatopsia
7D7D7D

Achromatomaly
847C70

CSS Examples

Text

The CSS property to change the color of the text to Hex 91795A 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 #91795A looks like.

```
.text, #text, p{  
    color:#91795A  
}
```

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 #91795A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91795A
}
```

Border

The CSS property to change the border of an element to Hex 91795A 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
#91795A }
```

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

```
.border{ border-color:#91795A }
```

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

Here you see how a box with a 4 pixel #91795A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91795A; -webkit-box-shadow:4px 4px  
4px 4px #91795A; box-shadow:4px 4px 4px  
4px #91795A }
```

Background

The CSS property to change the background color of an element to Hex 91795A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91795A }
```

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

```
.background{ background-color:#91795A }
```

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