

Converting Colors

Hex(93805A)

Have a look what the booklet for
Hex(93805A) contains.

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Color

Hex(93805A)

Conversions

Conversions Part 1

Format	Color
Hex	93805A
RGB	147, 128, 90
RGB Percent	58%, 50%, 35%
CMY	0.4235, 0.4980, 0.6471
CMYK	0.00, 0.13, 0.39, 0.42
HSL	40°, 24%, 46%
HSV	40°, 39%, 58%
XYZ	21.5973, 22.3796, 12.8543
YIQ	129.3490, 23.5220, -7.7900

Conversions

Conversions Part 2

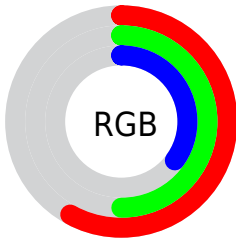
Format	Color
RYB	119, 147, 90
Decimal	9666650
CIELab	54.43, 1.54, 23.31
CIElCh	54, 23.365, 86.212
Yxy	22.3796, 0.3800, 0.3938
Android (android.graphics.Color)	4287856730 (0xFF93805A)
YUV	129.3490, -19.3991, 15.4799
Hunter-Lab	47.3071, -1.2961, 17.0047

Details

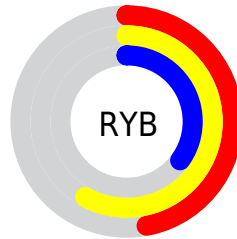
The Hex color **93805A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5A6D93**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CAB58C**, and **5F4F2C** is the 20% darker color. If you saturate the color by 10%, you get **937B4B**, and if you desaturate by 10%, it is **938569**.

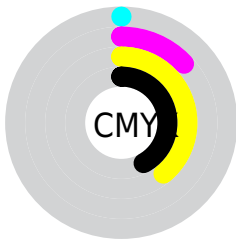
Distribution



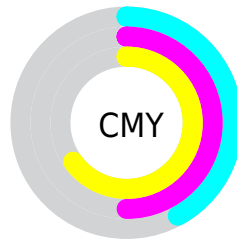
- Red (58%)
- Green (50%)
- Blue (35%)



- Red (47%)
- Yellow (58%)
- Blue (35%)



- Cyan (0%)
- Magenta (13%)
- Yellow (39%)
- Black (42%)



- Cyan (42%)
- Magenta (50%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93805A 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 93805A by changing the saturation by 10% instead.



93805A



93805A

FFFFFF



796742



CAB58C



5F4F2C



E6D0A7



463816



FFECC2



302300



FFFFDE



170E00



FFFFFFB



000000



93805A



93805A



937B4B



938569



93763D



938A77

■ 93712E

■ 938F86

■ 936C1F

■ 939495

■ 936711

■ 9398A3

■ 936302

■ 939DB2

■ 936200

■ 93A2C1

■ 93A7D0

■ 93ACDE

Harmonies

Analogous

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



A37961



93805A



7E865E

Triad

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



93805A



438D93



9A7799

Complementary

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



93805A



5A6D93

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.



827EA6



93805A



4B8AA3

Square

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



93805A



518D7F



6585AA



A87386

Rectangle

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



93805A



6F8A66



6585AA



93799E

Sweetspot

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



93805A



BFB8A8



935A6D



615C53



E0E0E0



616161

Same Dimension

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



93805A



BFA165



8A935A



4A4743



8A5C00



0A0700

Inverse Universe

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



5A6D93



6583BF



635A93



43454A



002E8A



00030A

Previews

White Background



This preview shows how the Hex color 93805A looks on a white background.

Color Contrast Check

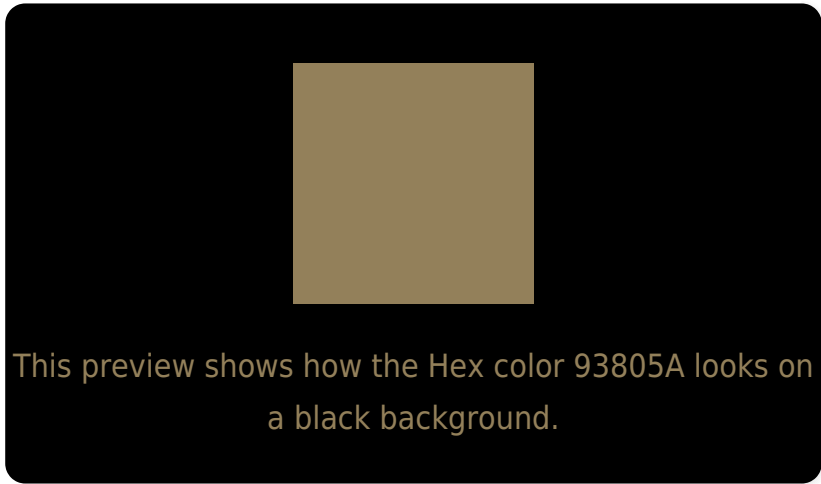
Large Text (above 18pt) WCAG AA ✓ Pass

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

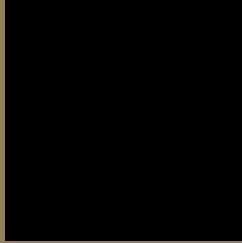
Any Text WCAG AA ✓ Pass

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 93805A Background



This preview shows how black text looks on a background with the Hex color 93805A.



This preview shows how white text looks on a background with the Hex color 93805A.

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
93805A

Protanopia
8D825B

Deuteranopia
9B7D5B



Tritanopia
977B84

Trichromacy



Original Color
93805A

Protanomaly
8F815B

Deuteranomaly
987E5B

Tritanomaly
967D75

Monochromacy



Original Color
93805A

Achromatopsia
818181

Achromatomaly
888173

CSS Examples

Text

The CSS property to change the color of the text to Hex 93805A 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 #93805A looks like.

```
.text, #text, p{  
    color:#93805A  
}
```

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 #93805A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93805A
}
```

Border

The CSS property to change the border of an element to Hex 93805A 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
#93805A }
```

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

```
.border{ border-color:#93805A }
```

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

Here you see how a box with a 4 pixel #93805A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93805A; -webkit-box-shadow:4px 4px  
4px 4px #93805A; box-shadow:4px 4px 4px  
4px #93805A }
```

Background

The CSS property to change the background color of an element to Hex 93805A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93805A }
```

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

```
.background{ background-color:#93805A }
```

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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