

# Converting Colors

Hex(95883A)

Have a look what the booklet for  
Hex(95883A) contains.

<b>Hex(95883A)</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(95883A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95883A
RGB	149, 136, 58
RGB Percent	58%, 53%, 23%
CMY	0.4157, 0.4667, 0.7725
CMYK	0.00, 0.09, 0.61, 0.42
HSL	51°, 44%, 41%
HSV	51°, 61%, 58%
XYZ	21.9623, 24.3034, 7.5365
YIQ	130.9950, 32.7860, -21.5020

# Conversions

## Conversions Part 2

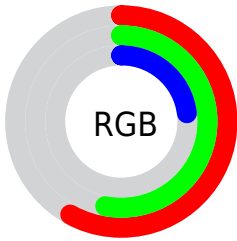
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 149, 58
Decimal	9799738
CIE <sub>Lab</sub>	56.39, -5.21, 42.69
CIE <sub>LCh</sub>	56, 43.010, 96.954
Yxy	24.3034, 0.4082, 0.4517
Android (android.graphics.Color)	4287989818 (0xFF95883A)
YUV	130.9950, -35.9865, 15.7904
Hunter-Lab	49.2984, -6.7511, 25.4450

# Details

The Hex color **95883A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A4795**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **CDBD6C**, and **5F5704** is the 20% darker color. If you saturate the color by 10%, you get **95862B**, and if you desaturate by 10%, it is **958A49**.

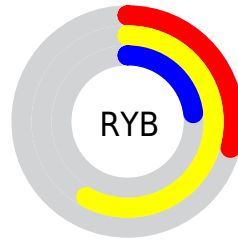
# Distribution



Red (58%)

Green (53%)

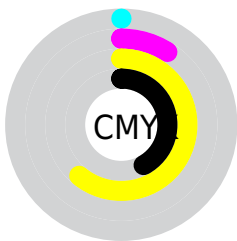
Blue (23%)



Red (29%)

Yellow (58%)

Blue (23%)

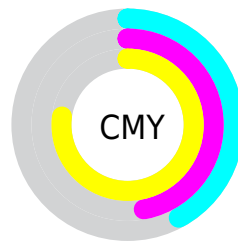


Cyan (0%)

Magenta (9%)

Yellow (61%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95883A 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 95883A by changing the saturation by 10% instead.



 95883A

 95883A

FFFFFF

 7A6F21

 CDBD6C

 5F5704

 EAD986

 463F00

 FFF5A1

 2D2A00

 FFFFBD

 141600

 FFFFD9

 000000

 FFFFF6

 95883A

 95883A

 95862B

 958A49

95841C

958C58

95820D

958E67

958000

959176

959384

959593

9597A2

9599B1

959BC0

# Harmonies

## Analogous

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



B57B42



95883A



6D9249

# Triad

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



95883A



0099B3



BC6DA5

# Complementary

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



95883A



3A4795

# 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.



967AC3



95883A



0093CB

# Square

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



95883A



009A8F



5688D1



CD6780

# Rectangle

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



95883A



4D965D



5688D1



B271B1



# Sweetspot

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



95883A



C2BD9F



953A48



615E4C



E0E0E0



616161



# Same Dimension

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



95883A



C2AE34



75953A



4A4943



8A7600



0A0900



# Inverse Universe

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



3A4795



3449C2



5A3A95



43444A



00148A



00010A



# Previews

## White Background



This preview shows how the Hex color 95883A looks on a white background.

## Color Contrast Check

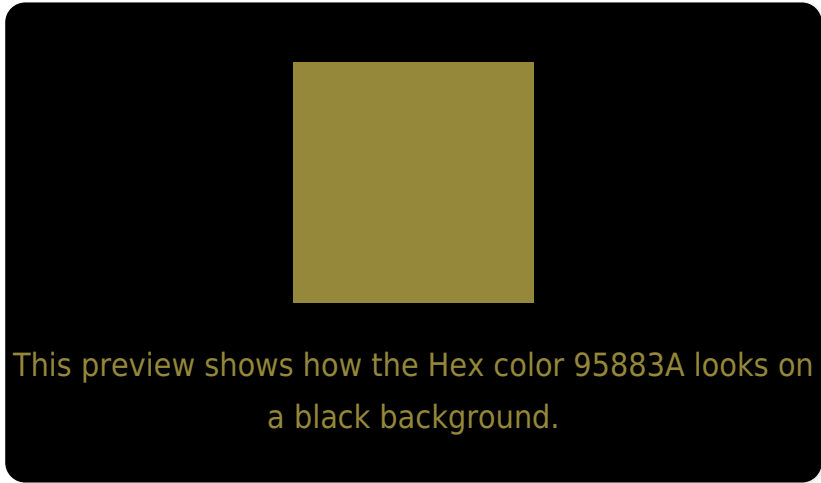
Large Text (above 18pt) WCAG AA ✓ Pass

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

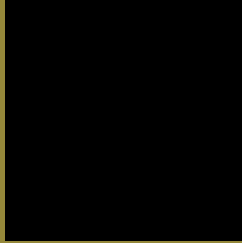
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 95883A Background



This preview shows how black text looks on a background with the Hex color 95883A.



This preview shows how white text looks on a background with the Hex color 95883A.

# 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**  
95883A

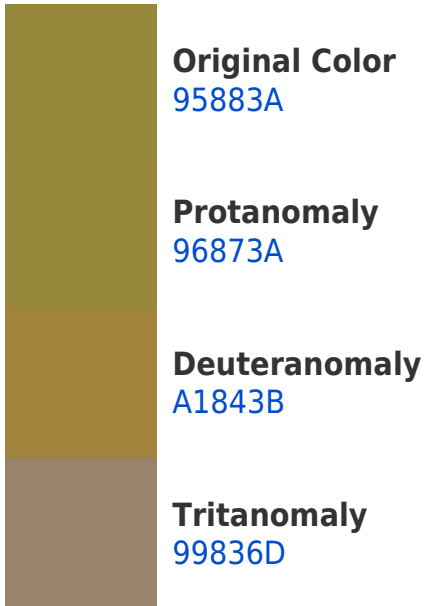
**Protanopia**  
96873A

**Deuteranopia**  
A8813C

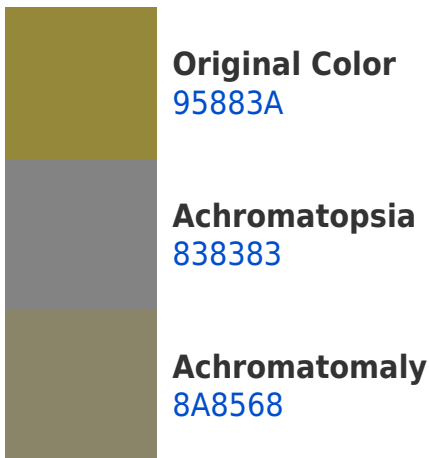


**Tritanopia**  
9C808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95883A 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 #95883A looks like.

```
.text, #text, p{  
    color:#95883A  
}
```

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 #95883A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95883A
}
```

## Border

The CSS property to change the border of an element to Hex 95883A 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
#95883A }
```

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

```
.border{ border-color:#95883A }
```

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

Here you see how a box with a 4 pixel #95883A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95883A; -webkit-box-shadow:4px 4px  
4px 4px #95883A; box-shadow:4px 4px 4px  
4px #95883A }
```

# Background

The CSS property to change the background color of an element to Hex 95883A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95883A }
```

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

```
.background{ background-color:#95883A }
```

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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