

# Converting Colors

Hex(A9583B)

Have a look what the booklet for  
Hex(A9583B) contains.

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**Color**

**Hex(A9583B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A9583B
RGB	169, 88, 59
RGB Percent	66%, 35%, 23%
CMY	0.3373, 0.6549, 0.7686
CMYK	0.00, 0.48, 0.65, 0.34
HSL	16°, 48%, 45%
HSV	16°, 65%, 66%
XYZ	20.6413, 15.7302, 6.0860
YIQ	108.9130, 57.5850, 8.1530

# Conversions

## Conversions Part 2

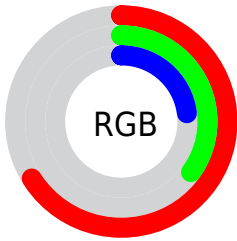
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	169, 98, 59
Decimal	11098171
CIE Lab	46.62, 30.63, 31.49
CIE LCh	47, 43.934, 45.794
Yxy	15.7302, 0.4862, 0.3705
Android (android.graphics.Color)	4289288251 (0xFFA9583B)
YUV	108.9130, -24.6071, 52.6963
Hunter-Lab	39.6614, 23.4910, 18.6650

# Details

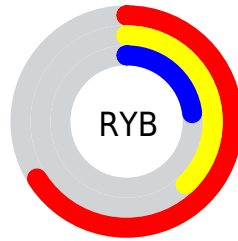
The Hex color **A9583B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3B8CA9**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **E48B6B**, and **70280F** is the 20% darker color. If you saturate the color by 10%, you get **A94C2A**, and if you desaturate by 10%, it is **A9644C**.

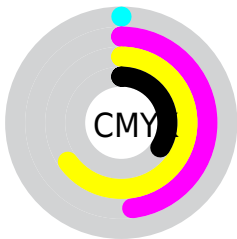
# Distribution



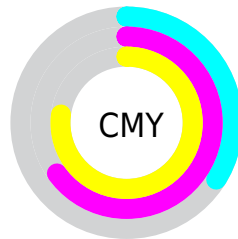
- Red (66%)
- Green (35%)
- Blue (23%)



- Red (66%)
- Yellow (38%)
- Blue (23%)



- Cyan (0%)
- Magenta (48%)
- Yellow (65%)
- Black (34%)



- Cyan (34%)
- Magenta (65%)
- Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the Hex color A9583B 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 A9583B by changing the saturation by 10% instead.



 A9583B

 A9583B

FFFFFF

 8C4025

 E48B6B

 70280F

 FFA685

 540F00

 FFC29F

 390000

 FFDEBA

 1E0001

 FFFBD6

 000000

 FFFFF2

 A9583B

 A9583B

 A94C2A

 A9644C

 A93F19

 A9715D

 A93308

 A97D6E

 A92D00

 A98A7F

 A9968F

 A9A3A0

 A9AFB1

 A9BCC2

 A9C8D3

# Harmonies

## Analogous

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



B24E5C



A9583B



916624

# Triad

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



A9583B



007F5B



506CB6

# Complementary

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



A9583B



3B8CA9

# 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.



0078B6



A9583B



008181

# Square

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



A9583B



467B38



007EA3



8A5DA2

# Rectangle

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



A9583B



7C6F1F



007EA3



3170B8



# Sweetspot

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



A9583B



DBBBAF



A93B8D



6E5A53



EDEDED



6E6E6E



# Same Dimension

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



A9583B



DB5D30



A98D3B



544E4C



942700



140500



# Inverse Universe

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



3B8CA9



30AEDB



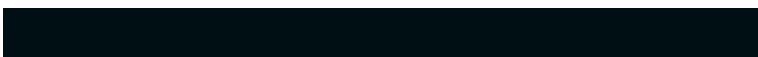
3B56A9



4C5254



006D94



000F14



# Previews

## White Background



This preview shows how the Hex color A9583B looks on a white background.

## Color Contrast Check

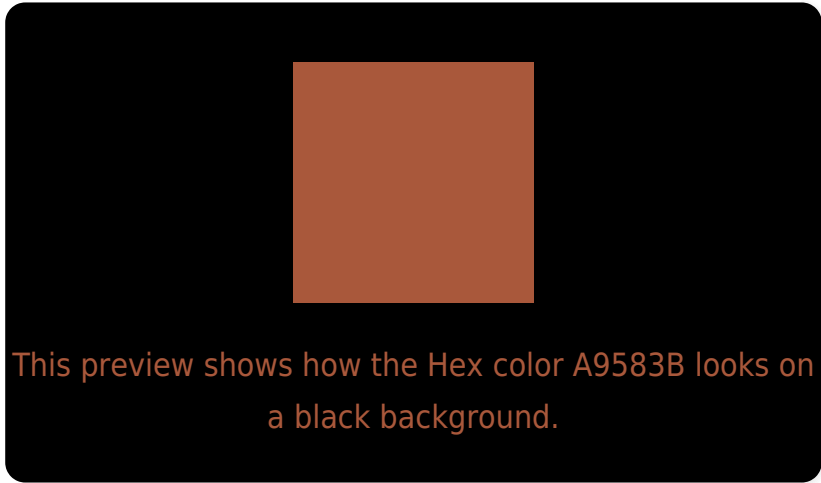
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex A9583B Background



This preview shows how black text looks on a background with the Hex color A9583B.



This preview shows how white text looks on a background with the Hex color A9583B.

# 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**  
A9583B

**Protanopia**  
796F43

**Deuteranopia**  
896A37



**Tritanopia**  
AB545A

# Trichromacy



**Original Color**  
A9583B

**Protanomaly**  
8A6740

**Deuteranomaly**  
956338

**Tritanomaly**  
AA554F

# Monochromacy



**Original Color**  
A9583B

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
83655B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9583B 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 #A9583B looks like.

```
.text, #text, p{  
    color:#A9583B  
}
```

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 #A9583B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9583B
}
```

## Border

The CSS property to change the border of an element to Hex A9583B is called "border". The border property can be set on classes, ids or directly on the HTML element.

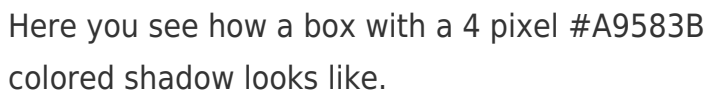
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A9583B }
```

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

```
.border{ border-color:#A9583B }
```

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



Here you see how a box with a 4 pixel #A9583B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9583B; -webkit-box-shadow:4px 4px  
4px 4px #A9583B; box-shadow:4px 4px 4px  
4px #A9583B }
```

# Background

The CSS property to change the background color of an element to Hex A9583B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9583B }
```

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

```
.background{ background-color:#A9583B }
```

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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