

# Converting Colors

Hex(90583B)

Have a look what the booklet for  
Hex(90583B) contains.

<b>Hex(90583B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(90583B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90583B
RGB	144, 88, 59
RGB Percent	56%, 35%, 23%
CMY	0.4353, 0.6549, 0.7686
CMYK	0.00, 0.39, 0.59, 0.44
HSL	20°, 42%, 40%
HSV	20°, 59%, 56%
XYZ	15.7807, 13.2245, 5.8585
YIQ	101.4380, 42.6850, 2.8530

# Conversions

## Conversions Part 2

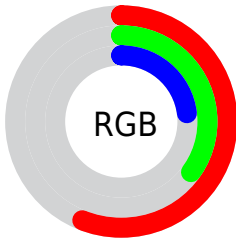
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 103, 59
Decimal	9459771
CIELab	43.10, 20.07, 26.39
CIELCh	43, 33.156, 52.747
Yxy	13.2245, 0.4526, 0.3793
Android (android.graphics.Color)	4287649851 (0xFF90583B)
YUV	101.4380, -20.9219, 37.3269
Hunter-Lab	36.3655, 13.8201, 15.9042

# Details

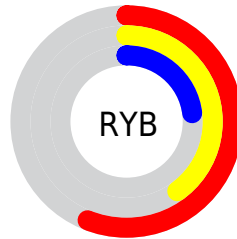
The Hex color **90583B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3B7390**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **C98A6B**, and **5A2A0F** is the 20% darker color. If you saturate the color by 10%, you get **904F2D**, and if you desaturate by 10%, it is **906149**.

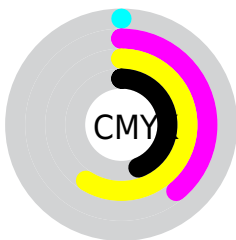
# Distribution



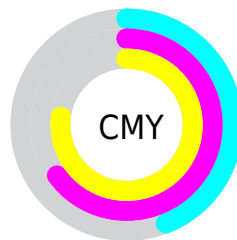
- Red (56%)
- Green (35%)
- Blue (23%)



- Red (56%)
- Yellow (40%)
- Blue (23%)



- Cyan (0%)
- Magenta (39%)
- Yellow (59%)
- Black (44%)



- Cyan (44%)
- Magenta (65%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90583B 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 90583B by changing the saturation by 10% instead.





90583B



90583B

FFFFFF



754025



C98A6B



5A2A0F



E6A584



401400



FFC09F



280000



FFDCBA



000000



FFF9D5



FFFFF2



90583B



90583B



904F2D



906149

■ 90451E

■ 906B58

■ 903C10

■ 907466

■ 903201

■ 907E75

■ 903100

■ 908783

■ 909191

■ 909AA0

■ 90A4AE

■ 90ADBD

# Harmonies

## Analogous

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



9A5052



90583B



7C622E

# Triad

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



90583B



08735E



5E6198

# Complementary

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



90583B



3B7390

# 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.



256B9C



90583B



00747A

# Square

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



90583B



417043



007191



815787

# Rectangle

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



90583B



6B682E



007191



4E659B



# Sweetspot

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



90583B



BAA499



903B74



5E514A



DEDEDE



5E5E5E



# Same Dimension

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



90583B



BA6336



90823B



474340



872E00



080300



# Inverse Universe

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



3B7390



368DBA



3B4990



404547



005987



000508



# Previews

## White Background



This preview shows how the Hex color 90583B looks on a white background.

## Color Contrast Check

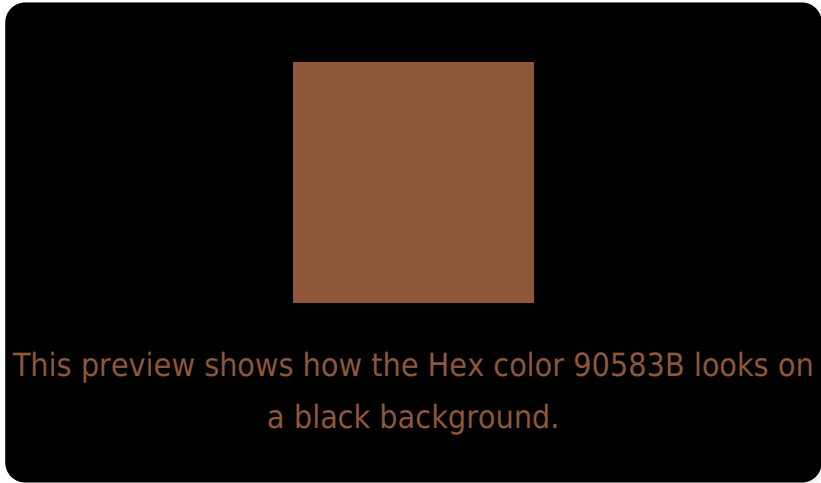
Large Text (above 18pt) WCAG AA ✓ Pass

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

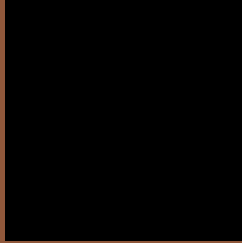
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 90583B Background



This preview shows how black text looks on a background with the Hex color 90583B.



This preview shows how white text looks on a background with the Hex color 90583B.

# 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**  
90583B

**Protanopia**  
6F6640

**Deuteranopia**  
7D6239



**Tritanopia**  
92545A

# Trichromacy



**Original Color**  
90583B

**Protanomaly**  
7B613E

**Deuteranomaly**  
845E3A

**Tritanomaly**  
91554F

# Monochromacy



**Original Color**  
90583B

**Achromatopsia**  
656565

**Achromatomaly**  
756056

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90583B 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 #90583B looks like.

```
.text, #text, p{  
    color:#90583B  
}
```

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 #90583B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90583B
}
```

## Border

The CSS property to change the border of an element to Hex 90583B is called "border". The border property can be set on classes, ids or directly on the HTML element.

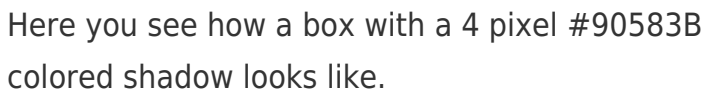
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90583B }
```

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

```
.border{ border-color:#90583B }
```

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



Here you see how a box with a 4 pixel #90583B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90583B; -webkit-box-shadow:4px 4px  
4px 4px #90583B; box-shadow:4px 4px 4px  
4px #90583B }
```

# Background

The CSS property to change the background color of an element to Hex 90583B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90583B }
```

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

```
.background{ background-color:#90583B }
```

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