

# Converting Colors

Hex(90584A)

Have a look what the booklet for  
Hex(90584A) contains.

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**Color**

**Hex(90584A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90584A
RGB	144, 88, 74
RGB Percent	56%, 35%, 29%
CMY	0.4353, 0.6549, 0.7098
CMYK	0.00, 0.39, 0.49, 0.44
HSL	12°, 32%, 43%
HSV	12°, 49%, 56%
XYZ	16.2274, 13.4032, 8.2104
YIQ	103.1480, 37.8700, 7.5180

# Conversions

## Conversions Part 2

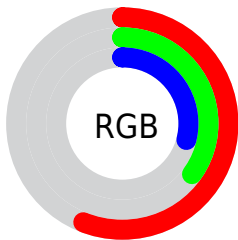
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 92, 74
Decimal	9459786
CIE <sub>Lab</sub>	43.36, 21.50, 17.86
CIE <sub>LCh</sub>	43, 27.947, 39.716
Yxy	13.4032, 0.4288, 0.3542
Android (android.graphics.Color)	4287649866 (0xFF90584A)
YUV	103.1480, -14.3700, 35.8272
Hunter-Lab	36.6103, 15.0513, 12.3306

# Details

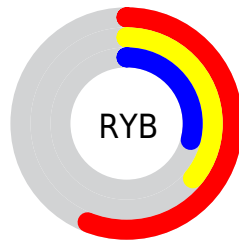
The Hex color **90584A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4A8290**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **C88A7B**, and **5B291E** is the 20% darker color. If you saturate the color by 10%, you get **904C3C**, and if you desaturate by 10%, it is **906458**.

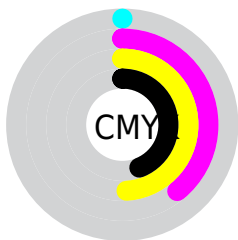
# Distribution



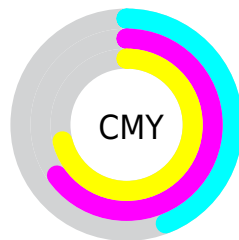
- Red (56%)
- Green (35%)
- Blue (29%)



- Red (56%)
- Yellow (36%)
- Blue (29%)



- Cyan (0%)
- Magenta (39%)
- Yellow (49%)
- Black (44%)



- Cyan (44%)
- Magenta (65%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90584A 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 90584A by changing the saturation by 10% instead.





90584A



90584A

FFFFFF



754033



C88A7B



5B291E



E5A595



411306



FFC0AF



2A0000



FFDCCB



000000



FFF9E7



90584A



90584A



904C3C



906458



90412D



906F67

■ 90351F

■ 907B75

■ 902A10

■ 908684

■ 901E02

■ 909292

■ 901D00

■ 909DA0

■ 90A9AF

■ 90B4BD

■ 90C0CC

# Harmonies

## Analogous

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



935460



90584A



83603B

# Triad

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



90584A



377156



516694

# Complementary

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



90584A



4A8290

# 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.



246D91



90584A



0D736D

# Square

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



90584A



556E42



007183



735E8A

# Rectangle

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



90584A



756538



007183



436994



# Sweetspot

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



90584A



BAA49E



904A82



5E514D



DEDEDE



5E5E5E



# Same Dimension

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



90584A



BA644E



907B4A



474240



871B00



080200



# Inverse Universe

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



4A8290



4EA5BA



4A5F90



404647



006C87



000608



# Previews

## White Background



This preview shows how the Hex color 90584A looks on a white background.

## Color Contrast Check

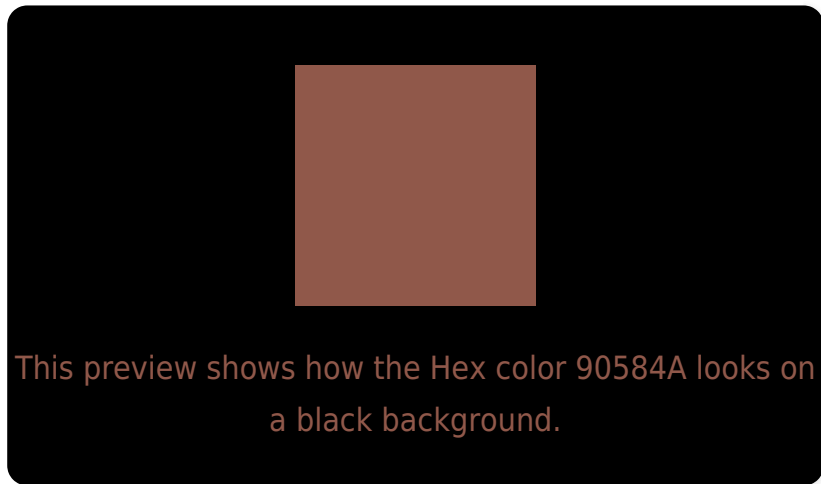
Large Text (above 18pt) WCAG AA ✓ Pass

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

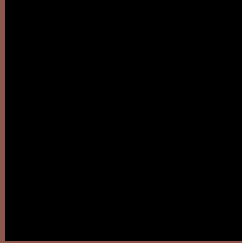
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 90584A Background



This preview shows how black text looks on a background with the Hex color 90584A.



This preview shows how white text looks on a background with the Hex color 90584A.

# 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**  
90584A

**Protanopia**  
6E6751

**Deuteranopia**  
7B6248



**Tritanopia**  
91555C

# Trichromacy



**Original Color**  
90584A

**Protanomaly**  
7A624E

**Deuteranomaly**  
835E49

**Tritanomaly**  
915655

# Monochromacy



**Original Color**  
90584A

**Achromatopsia**  
676767

**Achromatomaly**  
76625C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90584A 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 #90584A looks like.

```
.text, #text, p{  
    color:#90584A  
}
```

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 #90584A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90584A
}
```

## Border

The CSS property to change the border of an element to Hex 90584A 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".

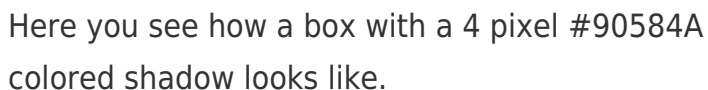
```
.border, #border, table{ border:4px solid
#90584A }
```

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

```
.border{ border-color:#90584A }
```

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

Here you see how a box with a 4 pixel #90584A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90584A; -webkit-box-shadow:4px 4px  
4px 4px #90584A; box-shadow:4px 4px 4px  
4px #90584A }
```

# Background

The CSS property to change the background color of an element to Hex 90584A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90584A }
```

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

```
.background{ background-color:#90584A }
```

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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