

# Converting Colors

Hex(90744E)

Have a look what the booklet for  
Hex(90744E) contains.

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**Color**

**Hex(90744E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90744E
RGB	144, 116, 78
RGB Percent	56%, 45%, 31%
CMY	0.4353, 0.5451, 0.6941
CMYK	0.00, 0.19, 0.46, 0.44
HSL	35°, 30%, 44%
HSV	35°, 46%, 56%
XYZ	19.1221, 18.9701, 9.8615
YIQ	120.0400, 28.8860, -5.8820

# Conversions

## Conversions Part 2

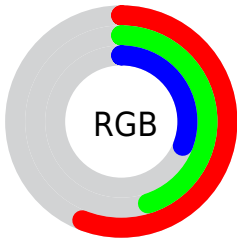
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 144, 78
Decimal	9466958
CIE <sub>Lab</sub>	50.65, 5.68, 25.10
CIE <sub>LCh</sub>	51, 25.737, 77.240
Yxy	18.9701, 0.3988, 0.3956
Android (android.graphics.Color)	4287657038 (0xFF90744E)
YUV	120.0400, -20.7257, 21.0129
Hunter-Lab	43.5547, 2.1474, 17.0641

# Details

The Hex color **90744E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4E6A90**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **C7A880**, and **5C4421** is the 20% darker color. If you saturate the color by 10%, you get **906E40**, and if you desaturate by 10%, it is **907A5C**.

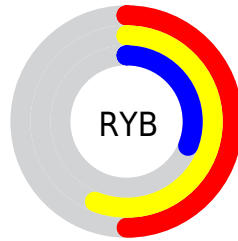
# Distribution



Red (56%)

Green (45%)

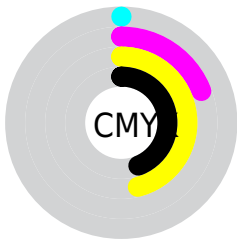
Blue (31%)



Red (50%)

Yellow (56%)

Blue (31%)

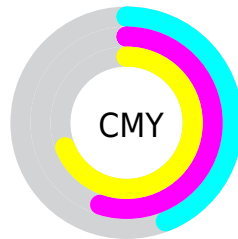


Cyan (0%)

Magenta (19%)

Yellow (46%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90744E 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 90744E by changing the saturation by 10% instead.



 90744E

 90744E

FFFFFF

 755B37

 C7A880

 5C4421

 E4C39A

 432E0A

 FFDFB5

 2B1900

 FFFCD0

 110000

 FFFFED

 000000

 90744E

 90744E

 906E40

 907A5C

 906831

 90806B

■ 906223

■ 908679

■ 905C14

■ 908C88

■ 905506

■ 909396

■ 905300

■ 9099A4

■ 909FB3

■ 90A5C1

■ 90ABD0

# Harmonies

## Analogous

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



9F6D59



90744E



7B7B4E

# Triad

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



90744E



318585



8B6F97

# Complementary

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



90744E



4E6A90

# 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.



6E76A2



90744E



308298

# Square

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



90744E



48846E



4C7DA3



9E6983

# Rectangle

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



90744E



6B7F55



4C7DA3



82719C



# Sweetspot

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



90744E



BAAFA0



904E6B



5E584E



DEDEDE



5E5E5E



# Same Dimension

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



90744E



BA8F54



8C904E



474440



874E00



080400



# Inverse Universe

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



4E6A90



547FBA



524E90



404347



003987



000308



# Previews

## White Background



This preview shows how the Hex color 90744E looks on a white background.

## Color Contrast Check

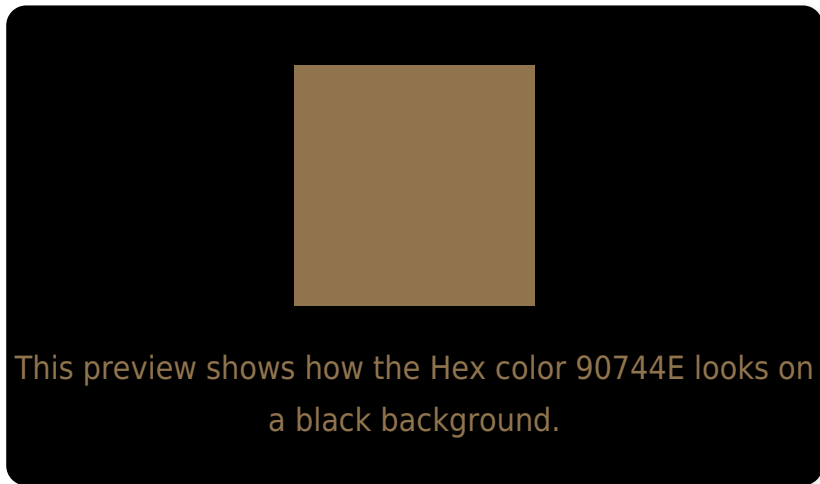
Large Text (above 18pt) WCAG AA ✓ Pass

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

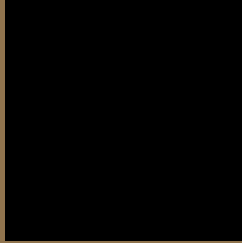
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 90744E Background



This preview shows how black text looks on a background with the Hex color 90744E.



This preview shows how white text looks on a background with the Hex color 90744E.

# 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**  
90744E

**Protanopia**  
837950

**Deuteranopia**  
91734E



**Tritanopia**  
946F77

# Trichromacy



**Original Color**  
90744E

**Protanomaly**  
88774F

**Deuteranomaly**  
91734E

**Tritanomaly**  
937168

# Monochromacy



**Original Color**  
90744E

**Achromatopsia**  
787878

**Achromatomaly**  
817769

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90744E 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 #90744E looks like.

```
.text, #text, p{  
    color:#90744E  
}
```

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 #90744E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90744E
}
```

## Border

The CSS property to change the border of an element to Hex 90744E is called "border". The border property can be set on classes, ids or directly on the HTML element.

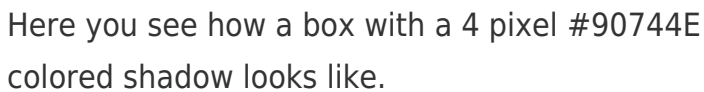
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90744E }
```

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

```
.border{ border-color:#90744E }
```

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



Here you see how a box with a 4 pixel #90744E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90744E; -webkit-box-shadow:4px 4px  
4px 4px #90744E; box-shadow:4px 4px 4px  
4px #90744E }
```

# Background

The CSS property to change the background color of an element to Hex 90744E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90744E }
```

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

```
.background{ background-color:#90744E }
```

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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