

# Converting Colors

Hex(90736A)

Have a look what the booklet for  
Hex(90736A) contains.

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**Color**

**Hex(90736A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90736A
RGB	144, 115, 106
RGB Percent	56%, 45%, 42%
CMY	0.4353, 0.5490, 0.5843
CMYK	0.00, 0.20, 0.26, 0.44
HSL	14°, 15%, 49%
HSV	14°, 26%, 56%
XYZ	20.2339, 19.2314, 16.2813
YIQ	122.6450, 20.1730, 3.3490

# Conversions

## Conversions Part 2

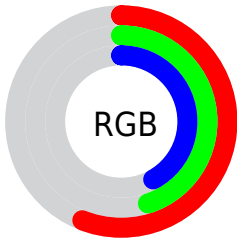
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 118, 106
Decimal	9466730
CIELab	50.96, 9.94, 9.29
CIElCh	51, 13.606, 43.050
Yxy	19.2314, 0.3630, 0.3450
Android (android.graphics.Color)	4287656810 (0xFF90736A)
YUV	122.6450, -8.2060, 18.7283
Hunter-Lab	43.8536, 5.6154, 8.6853

# Details

The Hex color **90736A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6A8790**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **C6A79D**, and **5D433B** is the 20% darker color. If you saturate the color by 10%, you get **90685C**, and if you desaturate by 10%, it is **907E78**.

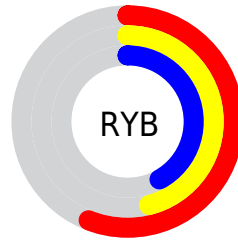
# Distribution



Red (56%)

Green (45%)

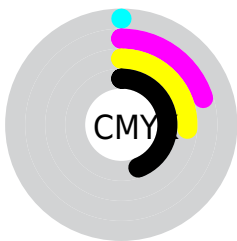
Blue (42%)



Red (56%)

Yellow (46%)

Blue (42%)

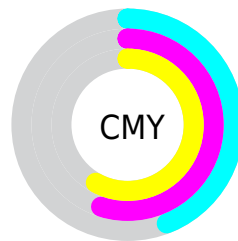


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90736A 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 90736A by changing the saturation by 10% instead.



 90736A

 90736A

FFFFFF

 765A52

 C6A79D

 5D433B

 E3C2B8

 452D25

 FFDED4

 2E1810

 FFFBF0

 190000

 000000

 90736A

 90736A

 90685C

 907E78

 905D4D

 908987

■ 90523F

■ 909495

■ 904730

■ 909FA4

■ 903C22

■ 90AAB2

■ 903114

■ 90B5C0

■ 902605

■ 90C0CF

■ 902200

■ 90CBDD

■ 90D6EC

# Harmonies

## Analogous

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



927175



90736A



897663

# Triad

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



90736A



648072



737990

# Complementary

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



90736A



6A8790

# 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.



647C8F



90736A



5C807E

# Square

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



90736A



707D68



5C7F89



82758A

# Rectangle

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



90736A



817962



5C7F89



6E7A90



# Sweetspot

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



90736A



BAAFAB



906A87



5E5755



DEDEDE



5E5E5E



# Same Dimension

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



90736A



BA8D7F



90866A



474240



872000



080200



# Inverse Universe

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



6A8790



7FACBA



6A7490



404647



006787



000608



# Previews

## White Background



This preview shows how the Hex color 90736A looks on a white background.

## Color Contrast Check

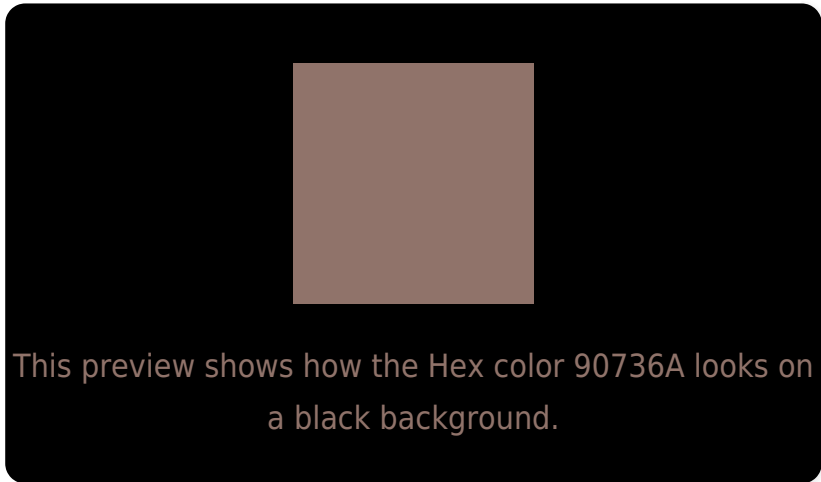
Large Text (above 18pt) WCAG AA ✓ Pass

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 90736A Background



This preview shows how black text looks on a background with the Hex color 90736A.

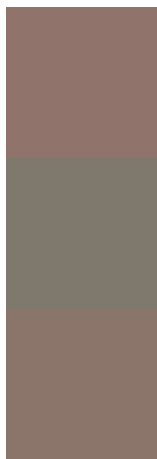


This preview shows how white text looks on a background with the Hex color 90736A.

# 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**  
90736A

**Protanopia**  
7F796D

**Deuteranopia**  
8B756A



**Tritanopia**  
927179

# Trichromacy



**Original Color**  
90736A

**Protanomaly**  
85776C

**Deuteranomaly**  
8D746A

**Tritanomaly**  
917274

# Monochromacy



**Original Color**  
90736A

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
837875

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90736A 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 #90736A looks like.

```
.text, #text, p{  
    color:#90736A  
}
```

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 #90736A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90736A
}
```

## Border

The CSS property to change the border of an element to Hex 90736A is called "border". The border property can be set on classes, ids or directly on the HTML element.

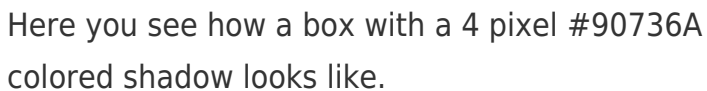
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90736A }
```

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

```
.border{ border-color:#90736A }
```

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



Here you see how a box with a 4 pixel #90736A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90736A; -webkit-box-shadow:4px 4px  
4px 4px #90736A; box-shadow:4px 4px 4px  
4px #90736A }
```

# Background

The CSS property to change the background color of an element to Hex 90736A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90736A }
```

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

```
.background{ background-color:#90736A }
```

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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