

# Converting Colors

Hex(90735D)

Have a look what the booklet for  
Hex(90735D) contains.

<b>Hex(90735D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(90735D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90735D
RGB	144, 115, 93
RGB Percent	56%, 45%, 36%
CMY	0.4353, 0.5490, 0.6353
CMYK	0.00, 0.20, 0.35, 0.44
HSL	26°, 22%, 46%
HSV	26°, 35%, 56%
XYZ	19.6081, 18.9811, 12.9862
YIQ	121.1630, 24.3460, -0.6940

# Conversions

## Conversions Part 2

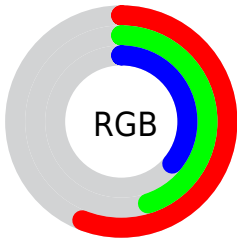
Format	Color
<a href="#">RYB</a>	<a href="#">144, 132, 93</a>
Decimal	<a href="#">9466717</a>
CIELab	<a href="#">50.67, 8.09, 16.49</a>
CIElCh	<a href="#">51, 18.370, 63.869</a>
Yxy	<a href="#">18.9811, 0.3802, 0.3680</a>
Android (android.graphics.Color)	<a href="#">4287656797</a> ( <a href="#">0xFF90735D</a> )
YUV	<a href="#">121.1630, -13.8844, 20.0280</a>
Hunter-Lab	<a href="#">43.5673, 4.0939, 12.8244</a>

# Details

The Hex color **90735D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5D7A90**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **C7A78F**, and **5C432F** is the 20% darker color. If you saturate the color by 10%, you get **906B4F**, and if you desaturate by 10%, it is **907B6B**.

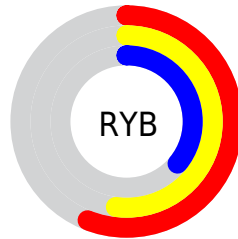
# Distribution



Red (56%)

Green (45%)

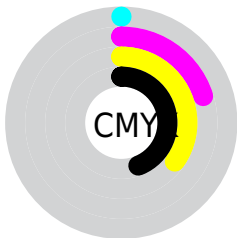
Blue (36%)



Red (56%)

Yellow (52%)

Blue (36%)

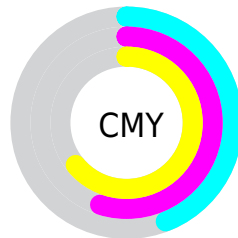


Cyan (0%)

Magenta (20%)

Yellow (35%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90735D 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 90735D by changing the saturation by 10% instead.



 90735D

 90735D

FFFFFF

 765A45

 C7A78F

 5C432F

 E3C2AA

 442D1A

 FFDEC5

 2D1800

 FFFBE1

 150000

FFFFFFE

 000000

 90735D

 90735D

 906B4F

 907B6B

 906340

 90837A

905A32

908C88

905223

909497

904A15

909CA5

904207

90A4B3

903E00

90ACC2

90B5D0

90BDDF

# Harmonies

## Analogous

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



986F68



90735D



827859

# Triad

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



90735D



51827A



7E7493

# Complementary

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



90735D



5D7A90

# 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.



687998



90735D



4C8189

# Square

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



90735D



5F806A



557E94



8F6F87

# Rectangle

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



90735D



777B5C



557E94



777695



# Sweetspot

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



90735D



BAAFA6



905D7B



5E5752



DEDEDE



5E5E5E



# Same Dimension

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



90735D



BA8D6A



908C5D



474340



873A00



080300



# Inverse Universe

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



5D7A90



6A98BA



5D6190



404447



004D87

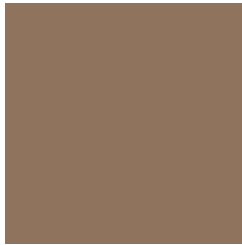


000408



# Previews

## White Background



This preview shows how the Hex color 90735D looks on a white background.

## Color Contrast Check

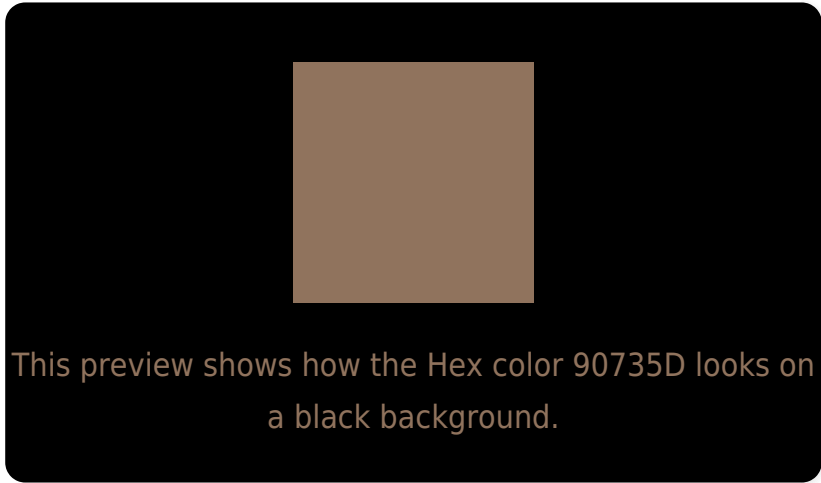
Large Text (above 18pt) WCAG AA ✓ Pass

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 90735D Background



This preview shows how black text looks on a background with the Hex color 90735D.



This preview shows how white text looks on a background with the Hex color 90735D.

# 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**  
90735D

**Protanopia**  
807960

**Deuteranopia**  
8E745D



**Tritanopia**  
936F78

# Trichromacy



**Original Color**  
90735D

**Protanomaly**  
86775F

**Deuteranomaly**  
8F745D

**Tritanomaly**  
92706E

# Monochromacy



**Original Color**  
90735D

**Achromatopsia**  
797979

**Achromatomaly**  
81776F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90735D 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 #90735D looks like.

```
.text, #text, p{  
    color:#90735D  
}
```

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 #90735D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90735D
}
```

## Border

The CSS property to change the border of an element to Hex 90735D 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
#90735D }
```

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

```
.border{ border-color:#90735D }
```

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

Here you see how a box with a 4 pixel #90735D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90735D; -webkit-box-shadow:4px 4px  
4px 4px #90735D; box-shadow:4px 4px 4px  
4px #90735D }
```

# Background

The CSS property to change the background color of an element to Hex 90735D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90735D }
```

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

```
.background{ background-color:#90735D }
```

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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