

# Converting Colors

Hex(8D736A)

Have a look what the booklet for  
Hex(8D736A) contains.

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**Color**

**Hex(8D736A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D736A
RGB	141, 115, 106
RGB Percent	55%, 45%, 42%
CMY	0.4471, 0.5490, 0.5843
CMYK	0.00, 0.18, 0.25, 0.45
HSL	15°, 14%, 48%
HSV	15°, 25%, 55%
XYZ	19.7168, 18.9648, 16.2571
YIQ	121.7480, 18.3850, 2.7130

# Conversions

## Conversions Part 2

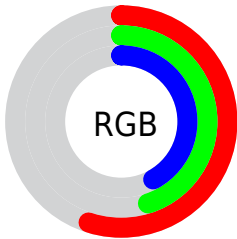
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 118, 106
Decimal	9270122
CIE Lab	50.65, 8.72, 8.80
CIE LCh	51, 12.390, 45.286
Yxy	18.9648, 0.3589, 0.3452
Android (android.graphics.Color)	4287460202 (0xFF8D736A)
YUV	121.7480, -7.7638, 16.8840
Hunter-Lab	43.5486, 4.6064, 8.3506

# Details

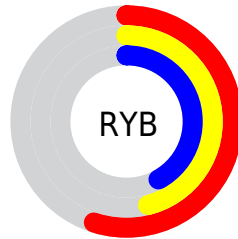
The Hex color **8D736A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6A848D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **C3A79D**, and **5A433B** is the 20% darker color. If you saturate the color by 10%, you get **8D695C**, and if you desaturate by 10%, it is **8D7D78**.

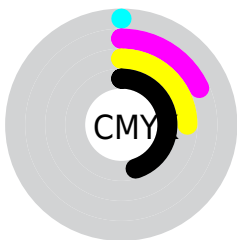
# Distribution



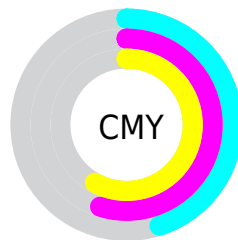
- Red (55%)
- Green (45%)
- Blue (42%)



- Red (55%)
- Yellow (46%)
- Blue (42%)



- Cyan (0%)
- Magenta (18%)
- Yellow (25%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D736A 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 8D736A by changing the saturation by 10% instead.



 8D736A

 8D736A

FFFFFF

 735A52

 C3A79D

 5A433B

 DFC2B8

 422D25

 FCDED4

 2B1810

 FFFBF0

 160000

 000000

 8D736A

 8D736A

 8D695C

 8D7D78

 8D5E4E

 8D8886

 8D5440

 8D9294

 8D4932

 8D9DA2

 8D3F24

 8DA7B1

 8D3415

 8DB2BF

 8D2A07

 8DBCCD

 8D2400

 8DC7DB

 8DD1E9

# Harmonies

## Analogous

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



8F7173



8D736A



867664

# Triad

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



8D736A



647E73



74788D

# Complementary

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



8D736A



6A848D

# 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.



677B8D



8D736A



5E7F7E

# Square

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



8D736A



6F7D6A



5E7E87



817487

# Rectangle

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



8D736A



7F7864



5E7E87



6F798D



# Sweetspot

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



8D736A



B8AEAB



8D6A84



5C5654



DBDBDB



5C5C5C



# Same Dimension

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



8D736A



B88F81



8D846A



474240



872300



080200



# Inverse Universe

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



6A848D



81A9B8



6A738D



404647



006487



000608



# Previews

## White Background



This preview shows how the Hex color 8D736A looks on a white background.

## Color Contrast Check

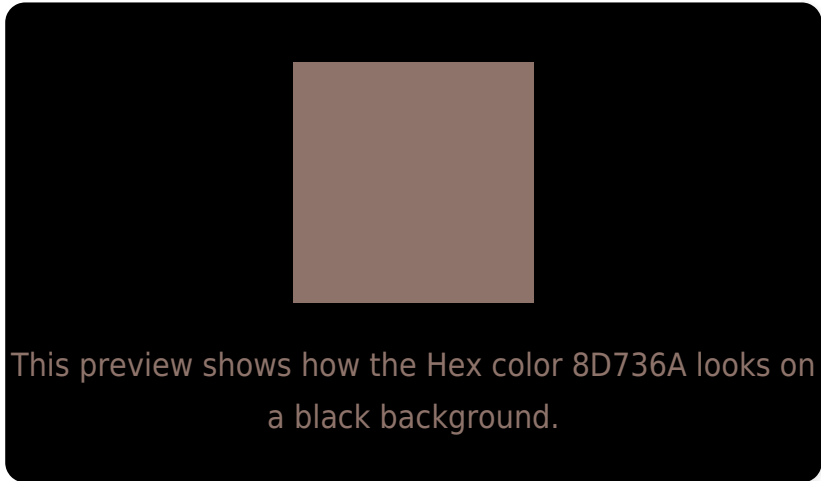
Large Text (above 18pt) WCAG AA ✓ Pass

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

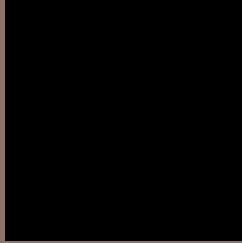
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D736A Background



This preview shows how black text looks on a background with the Hex color 8D736A.

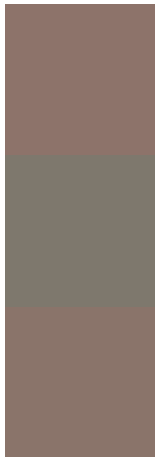


This preview shows how white text looks on a background with the Hex color 8D736A.

# 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**  
8D736A

**Protanopia**  
7E786D

**Deuteranopia**  
8A746A



**Tritanopia**  
8F7179

# Trichromacy



**Original Color**  
8D736A

**Protanomaly**  
83766C

**Deuteranomaly**  
8B746A

**Tritanomaly**  
8E7274

# Monochromacy



**Original Color**  
8D736A

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
817774

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D736A 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 #8D736A looks like.

```
.text, #text, p{  
    color:#8D736A  
}
```

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 #8D736A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D736A
}
```

## Border

The CSS property to change the border of an element to Hex 8D736A is called "border". The border property can be set on classes, ids or directly on the HTML element.

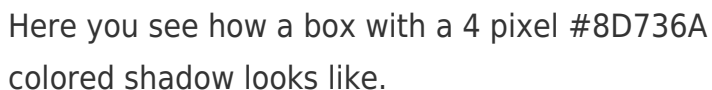
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D736A }
```

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

```
.border{ border-color:#8D736A }
```

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



Here you see how a box with a 4 pixel #8D736A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D736A; -webkit-box-shadow:4px 4px  
4px 4px #8D736A; box-shadow:4px 4px 4px  
4px #8D736A }
```

# Background

The CSS property to change the background color of an element to Hex 8D736A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D736A }
```

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

```
.background{ background-color:#8D736A }
```

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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