

# Converting Colors

Hex(A8936E)

Have a look what the booklet for  
Hex(A8936E) contains.

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# **Color**

**Hex(A8936E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A8936E
RGB	168, 147, 110
RGB Percent	66%, 58%, 43%
CMY	0.3412, 0.4235, 0.5686
CMYK	0.00, 0.13, 0.35, 0.34
HSL	38°, 25%, 55%
HSV	38°, 35%, 66%
XYZ	29.3966, 30.3181, 19.0545
YIQ	149.0610, 24.3930, -7.0550

# Conversions

## Conversions Part 2

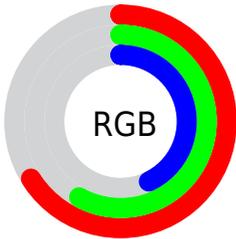
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">143, 168, 110</a>
Decimal	<a href="#">11047790</a>
CIELab	<a href="#">61.93, 2.24, 22.49</a>
CIELCh	<a href="#">62, 22.601, 84.313</a>
Yxy	<a href="#">30.3181, 0.3732, 0.3849</a>
Android (android.graphics.Color)	<a href="#">4289237870 (0xFFA8936E)</a>
YUV	<a href="#">149.0610, -19.2571, 16.6095</a>
Hunter-Lab	<a href="#">55.0618, -1.0599, 18.0257</a>

# Details

The Hex color **A8936E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6E83A8**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **E0C9A2**, and **73613E** is the 20% darker color. If you saturate the color by 10%, you get **A88D5D**, and if you desaturate by 10%, it is **A8997F**.

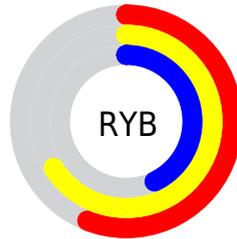
# Distribution



Red (66%)

Green (58%)

Blue (43%)



Red (56%)

Yellow (66%)

Blue (43%)

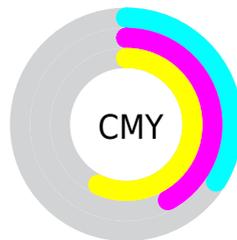


Cyan (0%)

Magenta (13%)

Yellow (35%)

Black (34%)



Cyan (34%)

Magenta (42%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A8936E 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 A8936E by changing the saturation by 10% instead.

 A8936E

 A8936E

FFFFFF

 8D7955

 E0C9A2

 73613E

 FDE5BD

 5A4928

 FFFFD9

 413212

 FFFFF5

 2B1D00

 100500

 000000

 A8936E

 A8936E

 A88D5D

 A8997F

 A8874C

 A89F90

 A8813C

 A8A5A0

 A87B2B

 A8ABB1

 A8751A

 A8B1C2

 A86F09

 A8B7D3

 A86B00

 A8BEE4

 A8C4F4

 A8CAFF

# Harmonies

## Analogous

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



B78C76



A8936E



939971

# Triad

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



A8936E



5BA1A5



AC8BAD

# Complementary

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



A8936E



6E83A8

# 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.



9492BA



A8936E



619EB5

# Square

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



A8936E



67A191



7899BD



BB879A

# Rectangle

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



A8936E



849D79



7899BD



A58DB2

# Sweetspot

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



A8936E



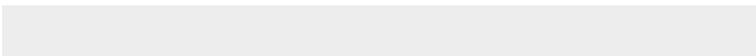
DBD3C5



A86E83



6E6960



EDEDED



6E6E6E



# Same Dimension

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



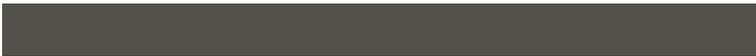
A8936E



DBBB81



A0A86E



54514C



945E00



140D00



# Inverse Universe

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



6E83A8



81A2DB



766EA8



4C4F54



003694

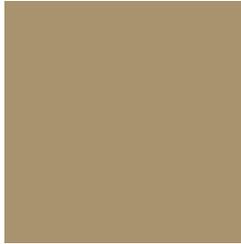


000714



# Previews

## White Background



This preview shows how the Hex color A8936E looks on a white background.

## Color Contrast Check

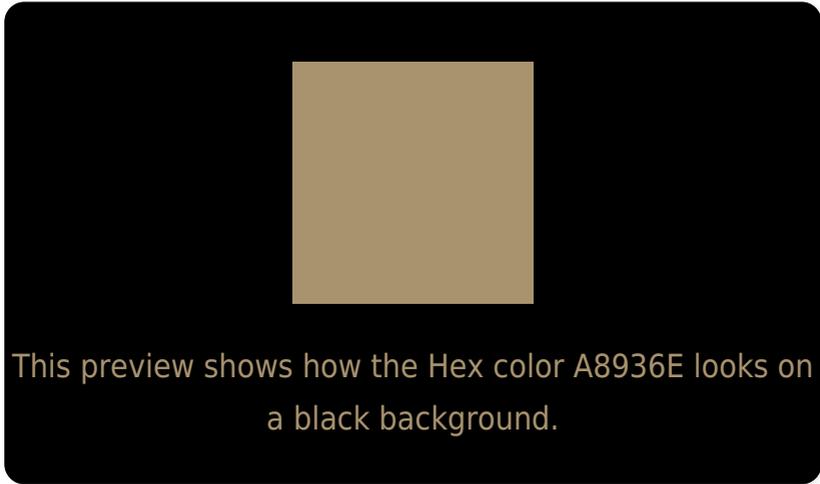
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

## Hex A8936E Background



This preview shows how black text looks on a background with the Hex color A8936E.



This preview shows how white text looks on a background with the Hex color A8936E.

# 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**  
A8936E

**Protanopia**  
A1966F

**Deuteranopia**  
B1906F



**Tritanopia**  
AD8D98

# Trichromacy



**Original Color**  
A8936E

**Protanomaly**  
A4956F

**Deuteranomaly**  
AE916F

**Tritanomaly**  
AB8F89

# Monochromacy



**Original Color**  
A8936E

**Achromatopsia**  
959595

**Achromatomaly**  
9C9487

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A8936E 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 #A8936E looks like.

```
.text, #text, p{  
    color:#A8936E  
}
```

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 #A8936E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A8936E
}
```

## Border

The CSS property to change the border of an element to Hex A8936E 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
#A8936E }
```

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

```
.border{ border-color:#A8936E }
```

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

Here you see how a box with a 4 pixel #A8936E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A8936E; -webkit-box-shadow:4px 4px  
4px 4px #A8936E; box-shadow:4px 4px 4px  
4px #A8936E }
```

# Background

The CSS property to change the background color of an element to Hex A8936E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A8936E }
```

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

```
.background{ background-color:#A8936E }
```

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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