

# Converting Colors

Hex(A96871)

Have a look what the booklet for  
Hex(A96871) contains.

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**Color**

**Hex(A96871)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A96871
RGB	169, 104, 113
RGB Percent	66%, 41%, 44%
CMY	0.3373, 0.5922, 0.5569
CMYK	0.00, 0.38, 0.33, 0.34
HSL	352°, 27%, 54%
HSV	352°, 38%, 66%
XYZ	24.2931, 19.5279, 18.1117
YIQ	124.4610, 35.8510, 16.5790

# Conversions

## Conversions Part 2

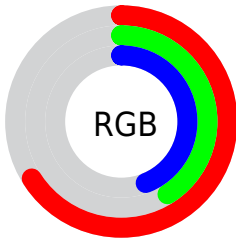
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	169, 104, 113
Decimal	11102321
CIE Lab	51.30, 27.23, 6.04
CIE LCh	51, 27.890, 12.509
Yxy	19.5279, 0.3923, 0.3153
Android (android.graphics.Color)	4289292401 (0xFFA96871)
YUV	124.4610, -5.6503, 39.0607
Hunter-Lab	44.1904, 20.7951, 6.6330

# Details

The Hex color **A96871** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **68A9A0**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **E29CA5**, and **733741** is the 20% darker color. If you saturate the color by 10%, you get **A95762**, and if you desaturate by 10%, it is **A97980**.

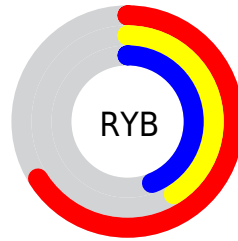
# Distribution



Red (66%)

Green (41%)

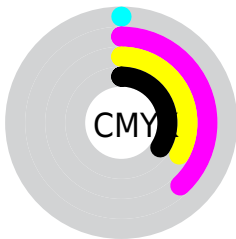
Blue (44%)



Red (66%)

Yellow (41%)

Blue (44%)

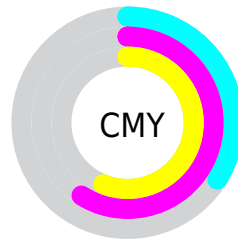


Cyan (0%)

Magenta (38%)

Yellow (33%)

Black (34%)



Cyan (34%)

Magenta (59%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A96871 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 A96871 by changing the saturation by 10% instead.



 A96871

 A96871

FFFFFF

 8E4F59

 E29CA5

 733741

 FFB7C0

 59202B

 FFD3DC

 3F0817

 FFF0F8

 2B0001

 000000

 A96871

 A96871

 A95762

 A97980

 A94654

 A98A8E

 A93545

 A99B9D

 A92437

 A9ACAB

 A91428

 A9BCBA

 A9031A

 A9CDC8

 A90017

 A9DED7

 A9EFE5

 A9FFF4

# Harmonies

## Analogous

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



A06A89



A96871



A56C5B

# Triad

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



A96871



668256



4281A7

# Complementary

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



A96871



68A9A0

# 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.



22859A



A96871



49866B

# Square

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



A96871



807C4B



2B8784



6979A8

# Rectangle

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



A96871



9C7151



2B8784



3583A4



# Sweetspot

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



A96871



DBC1C5



9F68A9



6E5E60



EDEDED



6E6E6E



# Same Dimension

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



A96871



DB7684



A97F68



544C4D



940014



140003



# Inverse Universe

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



A96871



DB7684



6892A9



544C4D



940014

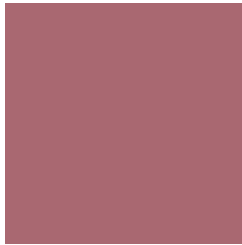


140003



# Previews

## White Background



This preview shows how the Hex color A96871 looks on a white background.

## Color Contrast Check

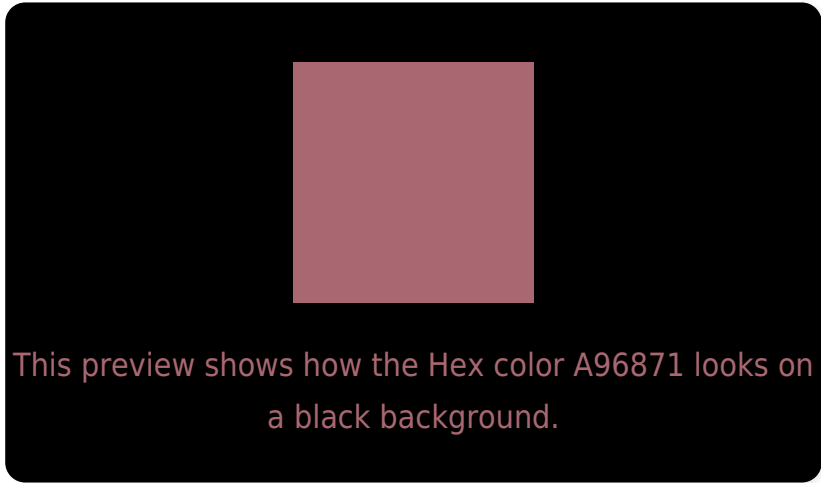
Large Text (above 18pt) WCAG AA ✓ Pass

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 A96871 Background



This preview shows how black text looks on a background with the Hex color A96871.



This preview shows how white text looks on a background with the Hex color A96871.

# 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**  
A96871

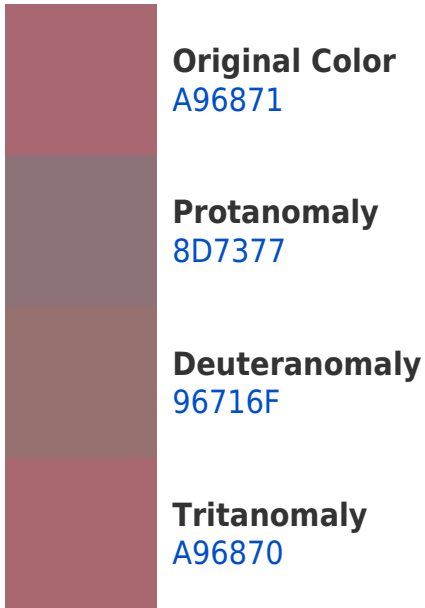
**Protanopia**  
7D7A7B

**Deuteranopia**  
8B766E

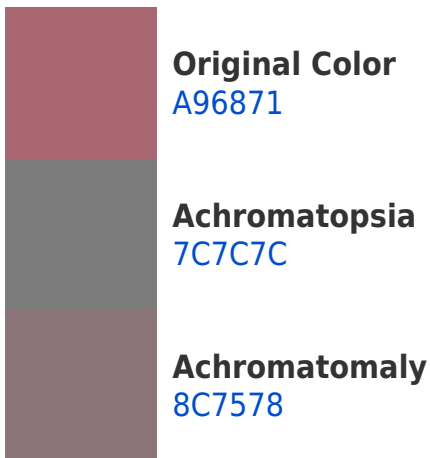


**Tritanopia**  
A96870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A96871 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 #A96871 looks like.

```
.text, #text, p{  
    color:#A96871  
}
```

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 #A96871 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A96871
}
```

## Border

The CSS property to change the border of an element to Hex A96871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

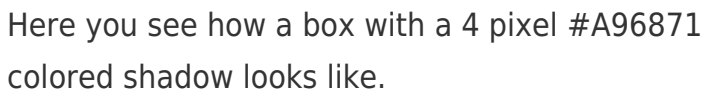
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A96871 }
```

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

```
.border{ border-color:#A96871 }
```

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



Here you see how a box with a 4 pixel #A96871 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A96871; -webkit-box-shadow:4px 4px  
4px 4px #A96871; box-shadow:4px 4px 4px  
4px #A96871 }
```

# Background

The CSS property to change the background color of an element to Hex A96871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A96871 }
```

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

```
.background{ background-color:#A96871 }
```

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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