

# Converting Colors

Hex(984963)

Have a look what the booklet for  
Hex(984963) contains.

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# Color

**Hex(984963)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	984963
RGB	152, 73, 99
RGB Percent	60%, 29%, 39%
CMY	0.4039, 0.7137, 0.6118
CMYK	0.00, 0.52, 0.35, 0.40
HSL	340°, 35%, 44%
HSV	340°, 52%, 60%
XYZ	17.5836, 12.3413, 13.2597
YIQ	99.5850, 38.7380, 24.8340

# Conversions

## Conversions Part 2

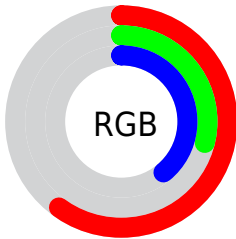
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 73, 99
Decimal	9980259
CIE Lab	41.75, 35.96, 0.44
CIE LCh	42, 35.965, 0.703
Yxy	12.3413, 0.4072, 0.2858
Android (android.graphics.Color)	4288170339 (0xFF984963)
YUV	99.5850, -0.2884, 45.9680
Hunter-Lab	35.1302, 27.8658, 2.2124

# Details

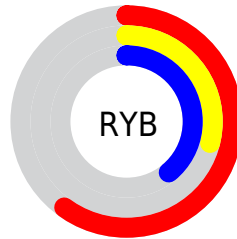
The Hex color **984963** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **49987E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **D17C96**, and **621735** is the 20% darker color. If you saturate the color by 10%, you get **983A59**, and if you desaturate by 10%, it is **98586D**.

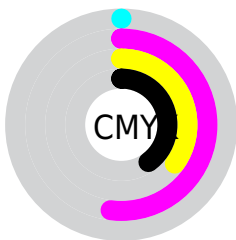
# Distribution



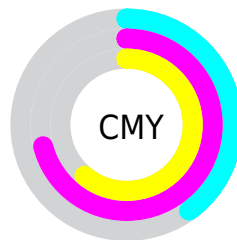
- Red (60%)
- Green (29%)
- Blue (39%)



- Red (60%)
- Yellow (29%)
- Blue (39%)



- Cyan (0%)
- Magenta (52%)
- Yellow (35%)
- Black (40%)



- Cyan (40%)
- Magenta (71%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 984963 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 984963 by changing the saturation by 10% instead.



 984963

 984963

FFFFFF

 7D304B

 D17C96

 621735

 EE97B0

 480020

 FFB2CC

 310007

 FFCEE8

 010000

 FFEAFF

 000000

 984963

 984963

 983A59

 98586D

 982B4F

 986777

981B44

987782

980C3A

98868C

980032

989596

98A4A0

98B3AA

98C3B5

98D2BF

# Harmonies

## Analogous

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



874F80



984963



984C46

# Triad

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



984963



556A2D



006D96

# Complementary

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



984963



49987E

# 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.



007180



984963



2D6F44

# Square

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



984963



736125



007162



2A659E

# Rectangle

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



984963



905336



007162



006F90



# Sweetspot

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



984963



C4A5AF



7E4998



635157



E3E3E3



636363



# Same Dimension

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



984963



C44B73



985649



4D4547



8C002E



0D0004



# Inverse Universe

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



984963



C44B73



498B98



4D4547



8C002E

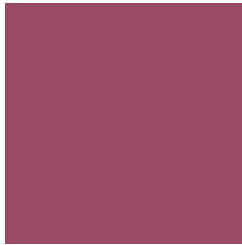


0D0004



# Previews

## White Background



This preview shows how the Hex color 984963 looks on a white background.

## Color Contrast Check

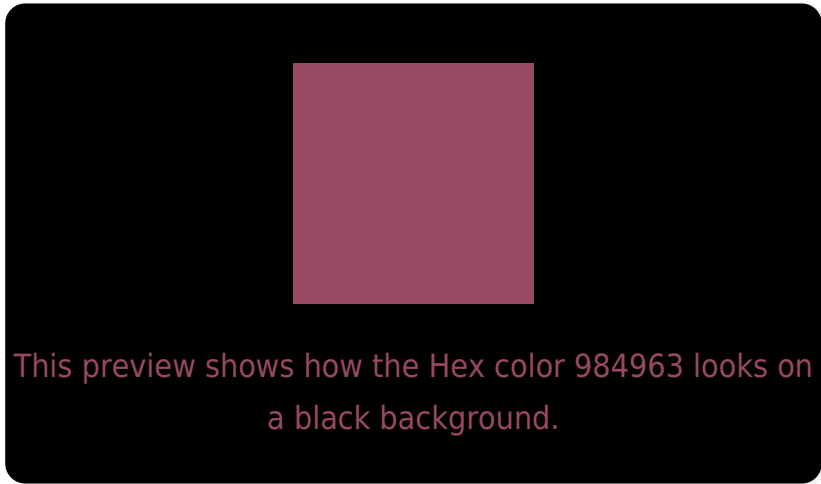
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 984963 Background



This preview shows how black text looks on a background with the Hex color 984963.

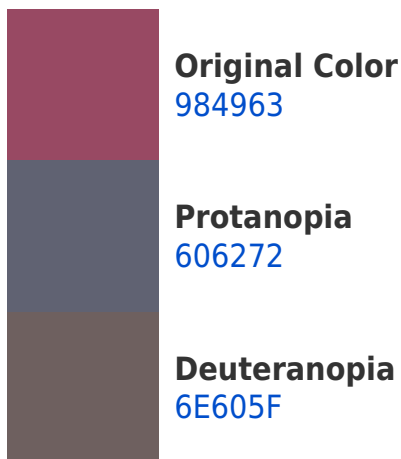


This preview shows how white text looks on a background with the Hex color 984963.

# 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





**Tritanopia**  
974C52

# Trichromacy



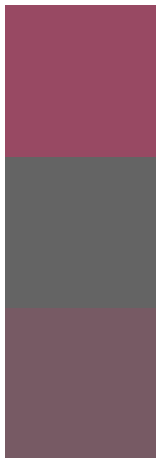
**Original Color**  
984963

**Protanomaly**  
74596D

**Deuteranomaly**  
7D5860

**Tritanomaly**  
974B58

# Monochromacy



**Original Color**  
984963

**Achromatopsia**  
646464

**Achromatomaly**  
775A64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 984963 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 #984963 looks like.

```
.text, #text, p{  
    color:#984963  
}
```

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 #984963 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #984963
}
```

## Border

The CSS property to change the border of an element to Hex 984963 is called "border". The border property can be set on classes, ids or directly on the HTML element.

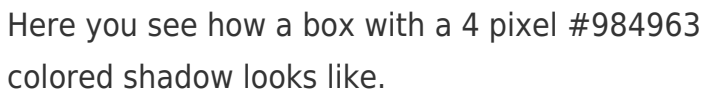
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#984963 }
```

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

```
.border{ border-color:#984963 }
```

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



Here you see how a box with a 4 pixel #984963 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #984963; -webkit-box-shadow:4px 4px  
4px 4px #984963; box-shadow:4px 4px 4px  
4px #984963 }
```

# Background

The CSS property to change the background color of an element to Hex 984963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#984963 }
```

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

```
.background{ background-color:#984963 }
```

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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