

# Converting Colors

Hex(982E74)

Have a look what the booklet for  
Hex(982E74) contains.

<b>Hex(982E74)</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(982E74)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	982E74
RGB	152, 46, 116
RGB Percent	60%, 18%, 45%
CMY	0.4039, 0.8196, 0.5451
CMYK	0.00, 0.70, 0.24, 0.40
HSL	320°, 54%, 39%
HSV	320°, 70%, 60%
XYZ	17.0783, 9.8903, 17.5319
YIQ	85.6740, 40.7060, 44.2420

# Conversions

## Conversions Part 2

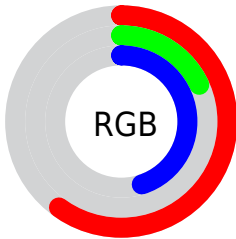
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 46, 116
Decimal	9973364
CIE <sub>Lab</sub>	37.64, 50.92, -16.31
CIE <sub>LCh</sub>	38, 53.467, 342.233
Yxy	9.8903, 0.3838, 0.2223
Android (android.graphics.Color)	4288163444 (0xFF982E74)
YUV	85.6740, 14.9507, 58.1679
Hunter-Lab	31.4489, 41.8985, -11.0383

# Details

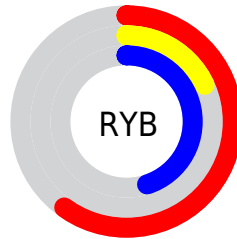
The Hex color **982E74** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2E9852**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **D164A8**, and **610044** is the 20% darker color. If you saturate the color by 10%, you get **981F6F**, and if you desaturate by 10%, it is **983D79**.

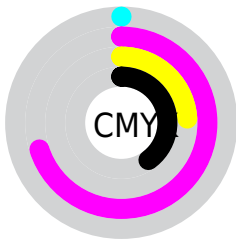
# Distribution



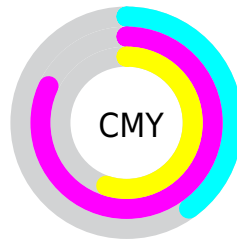
- Red (60%)
- Green (18%)
- Blue (45%)



- Red (60%)
- Yellow (18%)
- Blue (45%)



- Cyan (0%)
- Magenta (70%)
- Yellow (24%)
- Black (40%)



- Cyan (40%)
- Magenta (82%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 982E74 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 982E74 by changing the saturation by 10% instead.



 982E74

 982E74

FFFFFF

 7C0C5B

 D164A8

 610044

 EF7FC3

 47002D

 FF9BDF

 2F0019

 FFB7FC

 000000

 FFD3FF

 FFF0FF

 982E74

 982E74

 981F6F

 983D79

■ 98106A

■ 984C7E

■ 980065

■ 985C83

■ 980064

■ 986B89

■ 987A8E

■ 988993

■ 989898

■ 98A89D

■ 98B7A2

# Harmonies

## Analogous

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



704499



982E74



A42749

# Triad

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



982E74



5B5C00



006B92

# Complementary

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



982E74



2E9852

# 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.



006C6A



982E74



28650E

# Square

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



982E74



804D00



006A3C



0065AB

# Rectangle

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



982E74



A0322D



006A3C



006B86



# Sweetspot

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



982E74



C49BB6



512E98



634B5B



E3E3E3



636363



# Same Dimension

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



982E74



C41F8C



982E40



4D454A



8C005D



0D0008



# Inverse Universe

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



982E74



C41F8C



2E9886



4D454A



8C005D



0D0008



# Previews

## White Background



This preview shows how the Hex color 982E74 looks on a white background.

## Color Contrast Check

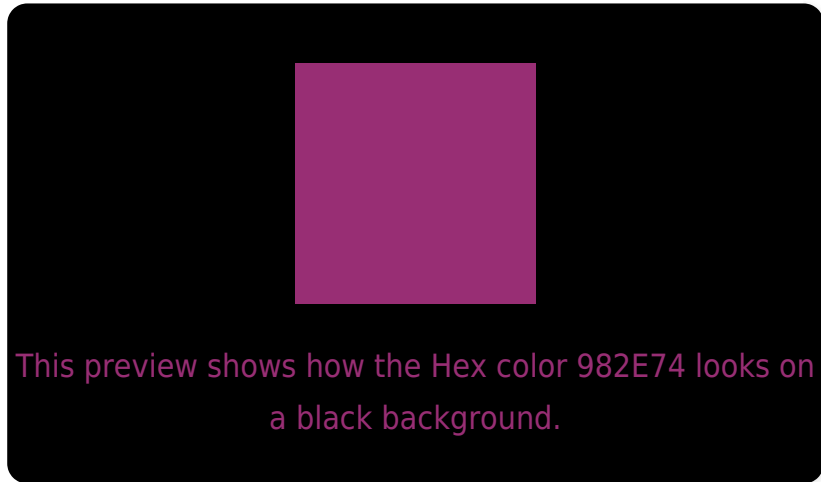
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

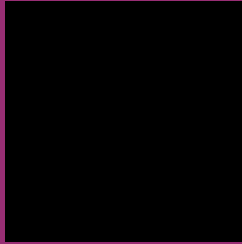
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 982E74 Background



This preview shows how black text looks on a background with the Hex color 982E74.



This preview shows how white text looks on a background with the Hex color 982E74.

# 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**  
943D41

# Trichromacy



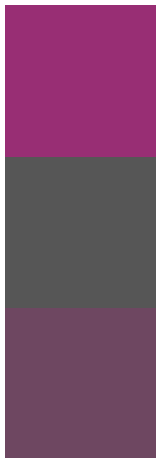
**Original Color**  
982E74

**Protanomaly**  
614988

**Deuteranomaly**  
6F4970

**Tritanomaly**  
953854

# Monochromacy



**Original Color**  
982E74

**Achromatopsia**  
565656

**Achromatomaly**  
6E4761

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 982E74 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 #982E74 looks like.

```
.text, #text, p{  
    color:#982E74  
}
```

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 #982E74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #982E74
}
```

## Border

The CSS property to change the border of an element to Hex 982E74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

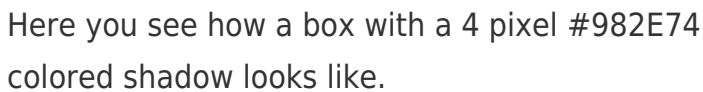
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#982E74 }
```

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

```
.border{ border-color:#982E74 }
```

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



Here you see how a box with a 4 pixel #982E74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #982E74; -webkit-box-shadow:4px 4px  
4px 4px #982E74; box-shadow:4px 4px 4px  
4px #982E74 }
```

# Background

The CSS property to change the background color of an element to Hex 982E74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#982E74 }
```

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

```
.background{ background-color:#982E74 }
```

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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