

# Converting Colors

Hex(983E75)

Have a look what the booklet for  
Hex(983E75) contains.

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# Color

**Hex(983E75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	983E75
RGB	152, 62, 117
RGB Percent	60%, 24%, 46%
CMY	0.4039, 0.7569, 0.5412
CMYK	0.00, 0.59, 0.23, 0.40
HSL	323°, 42%, 42%
HSV	323°, 59%, 60%
XYZ	17.8824, 11.4050, 18.0885
YIQ	95.1800, 35.9850, 36.1850

# Conversions

## Conversions Part 2

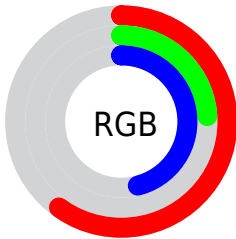
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 62, 117
Decimal	9977461
CIE <sub>Lab</sub>	40.25, 44.03, -12.96
CIE <sub>LCh</sub>	40, 45.896, 343.604
Yxy	11.4050, 0.3775, 0.2407
Android (android.graphics.Color)	4288167541 (0xFF983E75)
YUV	95.1800, 10.7573, 49.8311
Hunter-Lab	33.7713, 35.4187, -8.1169

# Details

The Hex color **983E75** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3E9861**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **D172A9**, and **620245** is the 20% darker color. If you saturate the color by 10%, you get **982F6F**, and if you desaturate by 10%, it is **984D7B**.

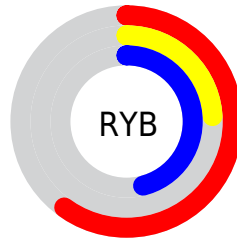
# Distribution



Red (60%)

Green (24%)

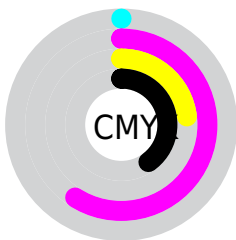
Blue (46%)



Red (60%)

Yellow (24%)

Blue (46%)

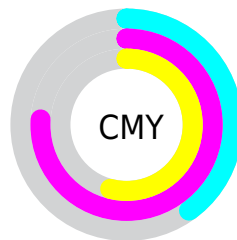


Cyan (0%)

Magenta (59%)

Yellow (23%)

Black (40%)



Cyan (40%)

Magenta (76%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 983E75 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 983E75 by changing the saturation by 10% instead.



 983E75

 983E75

FFFFFF

 7D235C

 D172A9

 620245

 EE8DC4

 48002E

 FFA8E0

 32001A

 FFC4FD

 050000

 FFE1FF

 000000

FFFEFF

 983E75

 983E75

 982F6F

 984D7B

982069

985C81

981063

986C87

98015D

987B8D

98005D

988A93

989998

98A89E

98B8A4

98C7AA

# Harmonies

## Analogous

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



764D96



983E75



A33B4F

# Triad

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



983E75



626209



006F92

# Complementary

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



983E75



3E9861

# 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.



00716F



983E75



376B24

# Square

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



983E75



835610



006F48



0069A7

# Rectangle

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



983E75



9F4138



006F48



007087



# Sweetspot

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



983E75



C4A1B7



603E98



634E5B



E3E3E3



636363



# Same Dimension

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



983E75



C4398E



983E49



4D454A



8C0056



0D0008



# Inverse Universe

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



983E75



C4398E



3E988E



4D454A



8C0056



0D0008



# Previews

## White Background



This preview shows how the Hex color 983E75 looks on a white background.

## Color Contrast Check

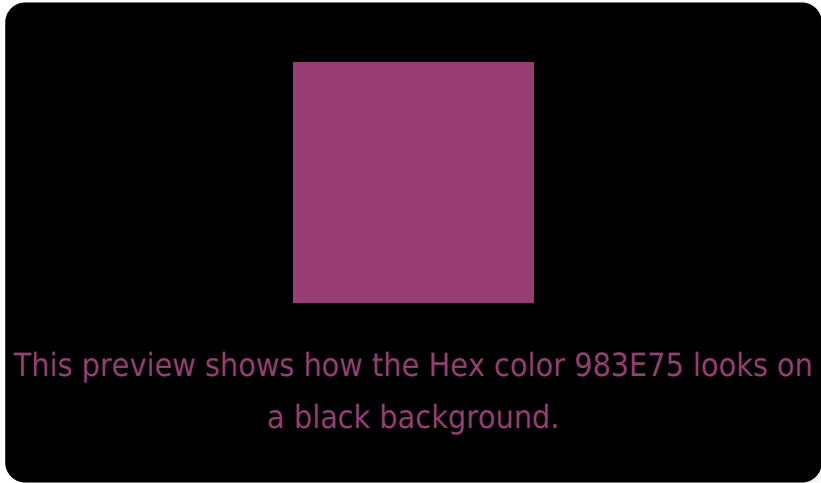
Large Text (above 18pt) WCAG AA ✓ Pass

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

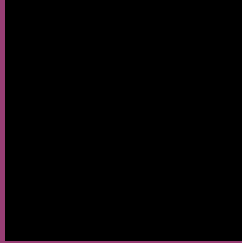
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 983E75 Background



This preview shows how black text looks on a background with the Hex color 983E75.

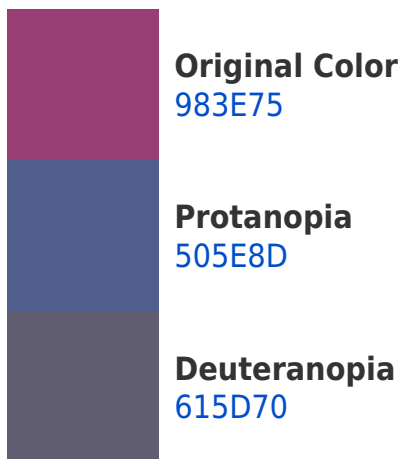


This preview shows how white text looks on a background with the Hex color 983E75.

# 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**  
94474C

# Trichromacy



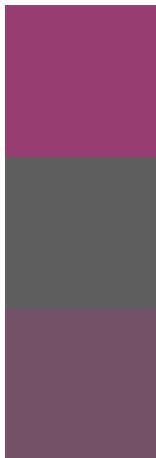
**Original Color**  
983E75

**Protanomaly**  
6A5284

**Deuteranomaly**  
755272

**Tritanomaly**  
95445B

# Monochromacy



**Original Color**  
983E75

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
745367

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 983E75 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 #983E75 looks like.

```
.text, #text, p{  
    color:#983E75  
}
```

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 #983E75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #983E75  
}
```

## Border

The CSS property to change the border of an element to Hex 983E75 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  
#983E75 }
```

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

```
.border{ border-color:#983E75 }
```

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

Here you see how a box with a 4 pixel #983E75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #983E75; -webkit-box-shadow:4px 4px  
4px 4px #983E75; box-shadow:4px 4px 4px  
4px #983E75 }
```

# Background

The CSS property to change the background color of an element to Hex 983E75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#983E75 }
```

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

```
.background{ background-color:#983E75 }
```

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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