

# Converting Colors

Hex(983E91)

Have a look what the booklet for  
Hex(983E91) contains.

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# Color

**Hex(983E91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	983E91
RGB	152, 62, 145
RGB Percent	60%, 24%, 57%
CMY	0.4039, 0.7569, 0.4314
CMYK	0.00, 0.59, 0.05, 0.40
HSL	305°, 42%, 42%
HSV	305°, 59%, 60%
XYZ	19.7824, 12.1650, 28.0935
YIQ	98.3720, 26.9970, 44.8930

# Conversions

## Conversions Part 2

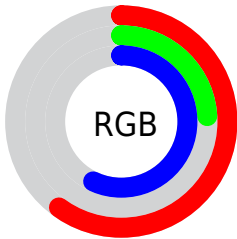
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 62, 145
Decimal	9977489
CIE <sub>Lab</sub>	41.48, 48.57, -28.23
CIE <sub>LCh</sub>	41, 56.173, 329.835
Yxy	12.1650, 0.3295, 0.2026
Android (android.graphics.Color)	4288167569 (0xFF983E91)
YUV	98.3720, 22.9876, 47.0318
Hunter-Lab	34.8783, 40.2048, -23.3416

# Details

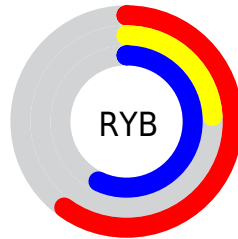
The Hex color **983E91** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3E9845**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **D073C7**, and **62005E** is the 20% darker color. If you saturate the color by 10%, you get **982F90**, and if you desaturate by 10%, it is **984D92**.

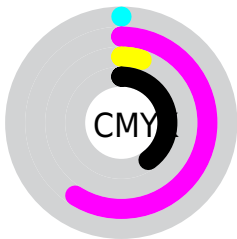
# Distribution



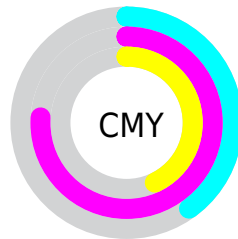
- Red (60%)
- Green (24%)
- Blue (57%)



- Red (60%)
- Yellow (24%)
- Blue (57%)



- Cyan (0%)
- Magenta (59%)
- Yellow (5%)
- Black (40%)



- Cyan (40%)
- Magenta (76%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 983E91 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 983E91 by changing the saturation by 10% instead.



983E91

983E91

FFFFFF

7D2377

D073C7

62005E

EE8EE3

480046

FFA9FF

310030

FFC5FF

0F001A

FFE2FF

000000

983E91

983E91

982F90

984D92

98208F

985C93

98108D

986C95

98018C

987B96

98008C

988A97

989998

98A899

98B89A

98C79C

# Harmonies

## Analogous

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



5D56B3



983E91



B12E64

# Triad

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



983E91



776000



00768F

# Complementary

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



983E91



3E9845

# 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.



007660



983E91



496C00

# Square

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



983E91



9A4D09



007330



0072B2

# Rectangle

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



983E91



B23146



007330



007780



# Sweetspot

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



983E91



C4A1C2



443E98



634E62



E3E3E3



636363



# Same Dimension

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



983E91



C439BA



983E65



4D454C



8C0081



0D000C



# Inverse Universe

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



983E91



C439BA



3E9871



4D454C



8C0081



0D000C



# Previews

## White Background



This preview shows how the Hex color 983E91 looks on a white background.

## Color Contrast Check

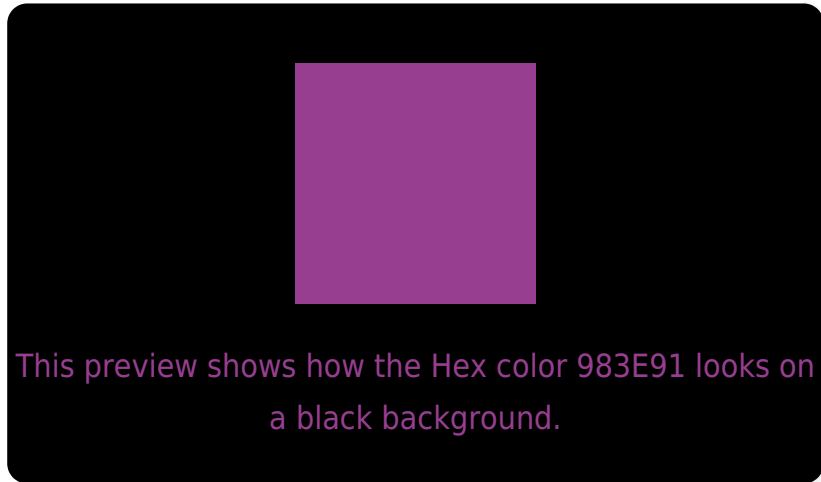
Large Text (above 18pt) WCAG AA ✓ Pass

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

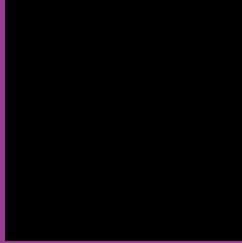
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 983E91 Background



This preview shows how black text looks on a background with the Hex color 983E91.

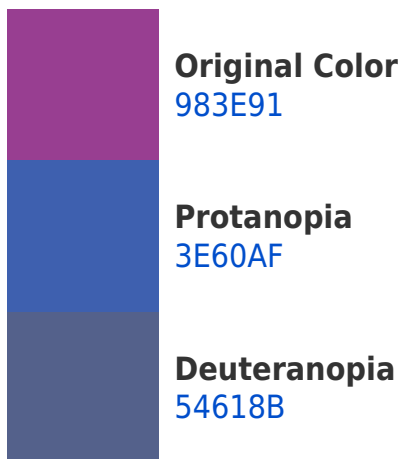


This preview shows how white text looks on a background with the Hex color 983E91.

# 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**  
914E54

# Trichromacy



**Original Color**  
983E91



**Protanomaly**  
5F54A4



**Deuteranomaly**  
6D548D



**Tritanomaly**  
94486A

# Monochromacy



**Original Color**  
983E91



**Achromatopsia**  
626262



**Achromatomaly**  
765573

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 983E91 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 #983E91 looks like.

```
.text, #text, p{  
    color:#983E91  
}
```

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 #983E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #983E91
}
```

## Border

The CSS property to change the border of an element to Hex 983E91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

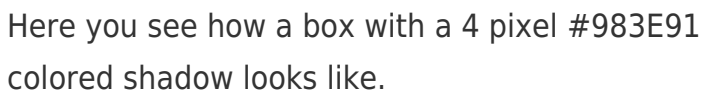
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#983E91 }
```

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

```
.border{ border-color:#983E91 }
```

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



Here you see how a box with a 4 pixel #983E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #983E91; -webkit-box-shadow:4px 4px  
4px 4px #983E91; box-shadow:4px 4px 4px  
4px #983E91 }
```

# Background

The CSS property to change the background color of an element to Hex 983E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#983E91 }
```

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

```
.background{ background-color:#983E91 }
```

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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