

# Converting Colors

Hex(97275D)

Have a look what the booklet for  
Hex(97275D) contains.

<b>Hex(97275D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(97275D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97275D
RGB	151, 39, 93
RGB Percent	59%, 15%, 36%
CMY	0.4078, 0.8471, 0.6353
CMYK	0.00, 0.74, 0.38, 0.41
HSL	331°, 59%, 37%
HSV	331°, 74%, 59%
XYZ	15.4638, 8.8207, 11.2435
YIQ	78.6440, 49.4180, 40.5380

# Conversions

## Conversions Part 2

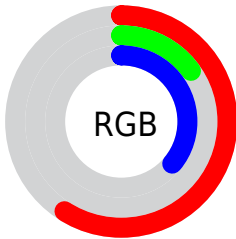
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 39, 93
Decimal	9906013
CIE Lab	35.64, 50.39, -4.80
CIE LCh	36, 50.614, 354.556
Yxy	8.8207, 0.4353, 0.2483
Android (android.graphics.Color)	4288096093 (0xFF97275D)
YUV	78.6440, 7.0775, 63.4562
Hunter-Lab	29.6996, 40.9660, -1.6558

# Details

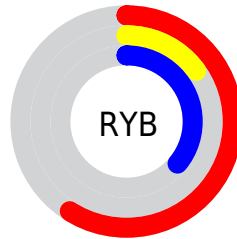
The Hex color **97275D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **279761**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **D15E8F**, and **5F002F** is the 20% darker color. If you saturate the color by 10%, you get **971855**, and if you desaturate by 10%, it is **973665**.

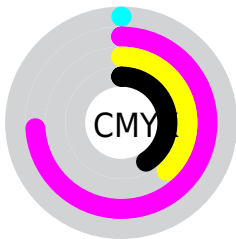
# Distribution



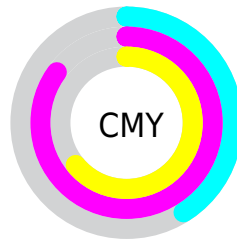
- Red (59%)
- Green (15%)
- Blue (36%)



- Red (59%)
- Yellow (15%)
- Blue (36%)



- Cyan (0%)
- Magenta (74%)
- Yellow (38%)
- Black (41%)



- Cyan (41%)
- Magenta (85%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97275D 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 97275D by changing the saturation by 10% instead.



 97275D

 97275D

FFFFFF

 7B0045

 D15E8F

 5F002F

 EE79AA

 44001B

 FF94C5

 2C0001

 FFB0E1

 000000

 FFCDFD

 FFEAFF

 97275D

 97275D

 971855

 973665

97094D

97456D

970049

975474

97637C

977384

97828C

979194

97A09C

97AFA3

# Harmonies

## Analogous

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



7D3883



97275D



992B35

# Triad

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



97275D



465B00



006396

# Complementary

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



97275D



279761

# 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.



006674



97275D



006221

# Square

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



97275D



6C4F00



00654B



005BA5

# Rectangle

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



97275D



90371C



00654B



00648C



# Sweetspot

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



97275D



C499AE



612797



634A56



E3E3E3



636363



# Same Dimension

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



97275D



C4166A



972927



4D4549



8C0044



0D0006



# Inverse Universe

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



97275D



C4166A



279597



4D4549



8C0044

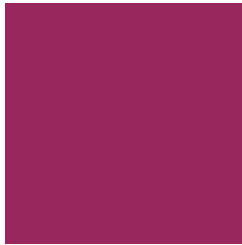


0D0006



# Previews

## White Background



This preview shows how the Hex color 97275D looks on a white background.

## Color Contrast Check

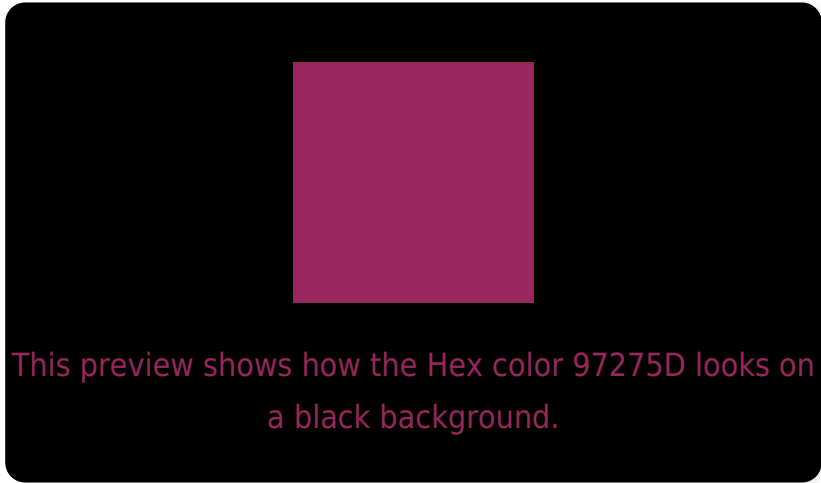
Large Text (above 18pt) WCAG AA ✓ Pass

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

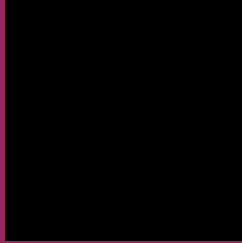
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 97275D Background



This preview shows how black text looks on a background with the Hex color 97275D.

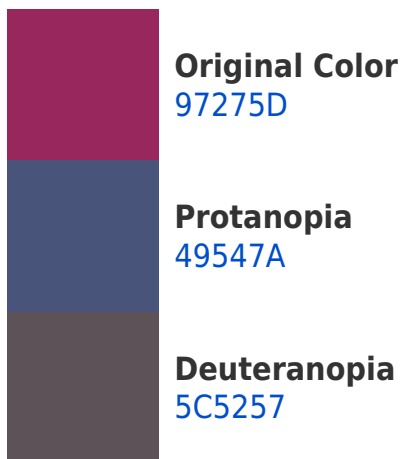


This preview shows how white text looks on a background with the Hex color 97275D.

# 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





# Trichromacy



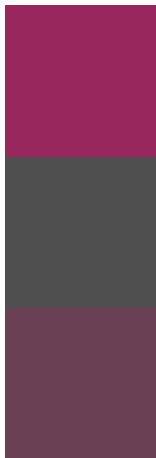
**Original Color**  
97275D

**Protanomaly**  
65446F

**Deuteranomaly**  
714259

**Tritanomaly**  
952E44

# Monochromacy



**Original Color**  
97275D

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
694054

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97275D 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 #97275D looks like.

```
.text, #text, p{  
    color:#97275D  
}
```

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 #97275D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97275D
}
```

## Border

The CSS property to change the border of an element to Hex 97275D is called "border". The border property can be set on classes, ids or directly on the HTML element.

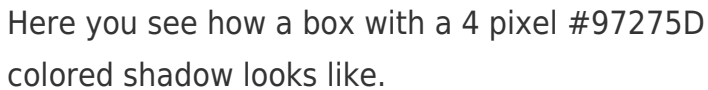
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97275D }
```

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

```
.border{ border-color:#97275D }
```

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



Here you see how a box with a 4 pixel #97275D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97275D; -webkit-box-shadow:4px 4px  
4px 4px #97275D; box-shadow:4px 4px 4px  
4px #97275D }
```

# Background

The CSS property to change the background color of an element to Hex 97275D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97275D }
```

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

```
.background{ background-color:#97275D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor