

# Converting Colors

Hex(96387D)

Have a look what the booklet for  
Hex(96387D) contains.

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# Color

**Hex(96387D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96387D
RGB	150, 56, 125
RGB Percent	59%, 22%, 49%
CMY	0.4118, 0.7804, 0.5098
CMYK	0.00, 0.63, 0.17, 0.41
HSL	316°, 46%, 40%
HSV	316°, 63%, 59%
XYZ	17.6935, 10.7930, 20.5528
YIQ	91.9720, 33.8750, 41.3870

# Conversions

## Conversions Part 2

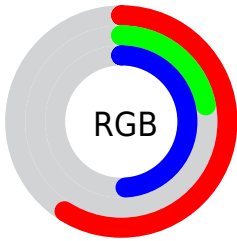
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 56, 125
Decimal	9844861
CIE <sub>Lab</sub>	39.23, 47.43, -19.50
CIE <sub>LCh</sub>	39, 51.287, 337.649
Yxy	10.7930, 0.3608, 0.2201
Android (android.graphics.Color)	4288034941 (0xFF96387D)
YUV	91.9720, 16.2828, 50.8906
Hunter-Lab	32.8528, 38.6424, -14.0950

# Details

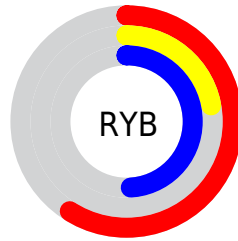
The Hex color **96387D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **389651**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **CF6DB2**, and **60004C** is the 20% darker color. If you saturate the color by 10%, you get **962979**, and if you desaturate by 10%, it is **964781**.

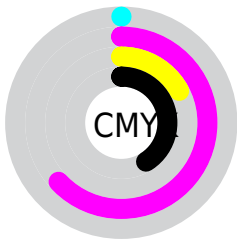
# Distribution



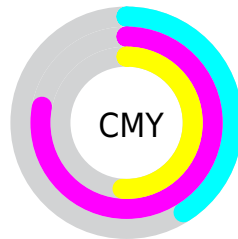
- Red (59%)
- Green (22%)
- Blue (49%)



- Red (59%)
- Yellow (22%)
- Blue (49%)



- Cyan (0%)
- Magenta (63%)
- Yellow (17%)
- Black (41%)



- Cyan (41%)
- Magenta (78%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96387D 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 96387D by changing the saturation by 10% instead.



 96387D

 96387D

FFFFFF

 7B1C64

 CF6DB2

 60004C

 EC88CD

 460035

 FFA3EA

 300020

 FFBFFF

 020002

 FFDBFF

 000000

 FFF8FF

 96387D

 96387D

 962979

 964781

961A75

965685

960B71

966589

96006E

96748D

968391

969295

96A199

96B09D

96BFA1

# Harmonies

## Analogous

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



6B4C9F



96387D



A62F53

# Triad

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



96387D



665E00



006E8F

# Complementary

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



96387D



389651

# 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.



006F66



96387D



396810

# Square

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



96387D



884F03



006D3B



0069AA

# Rectangle

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



96387D



A43638



006D3B



006F82



# Sweetspot

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



96387D



C29DB8



503896



614B5B



E0E0E0



616161



# Same Dimension

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



96387D



C2309B



963850



4A4348



8A0065



0A0007



# Inverse Universe

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



96387D



C2309B



38967E



4A4348



8A0065



0A0007



# Previews

## White Background



This preview shows how the Hex color 96387D looks on a white background.

## Color Contrast Check

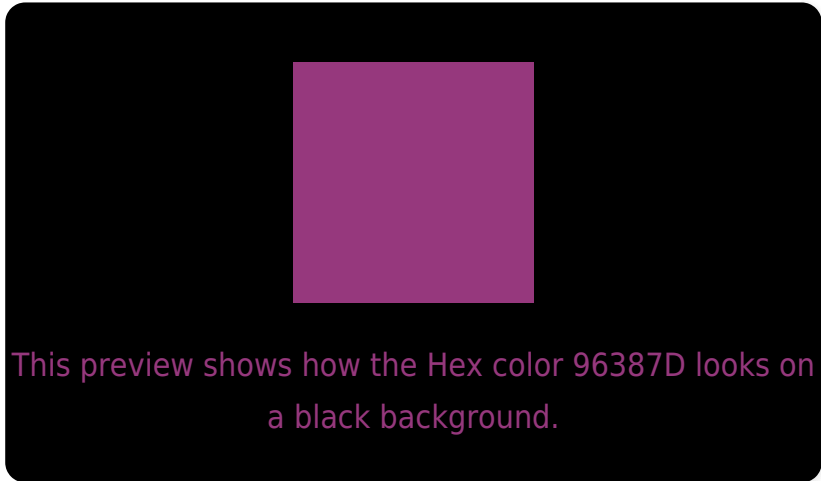
Large Text (above 18pt) WCAG AA ✓ Pass

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

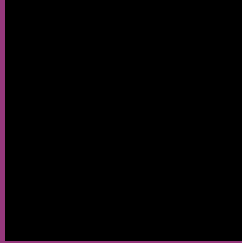
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 96387D Background



This preview shows how black text looks on a background with the Hex color 96387D.




This preview shows how white text looks on a background with the Hex color 96387D.

# 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**  
91454A

# Trichromacy



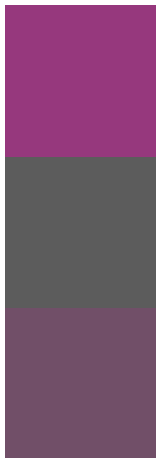
**Original Color**  
96387D

**Protanomaly**  
624E8F

**Deuteranomaly**  
6F4E79

**Tritanomaly**  
93405D

# Monochromacy



**Original Color**  
96387D

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
714F68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96387D 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 #96387D looks like.

```
.text, #text, p{  
    color:#96387D  
}
```

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 #96387D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96387D
}
```

## Border

The CSS property to change the border of an element to Hex 96387D is called "border". The border property can be set on classes, ids or directly on the HTML element.

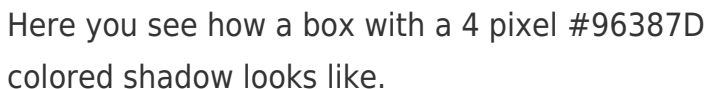
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96387D }
```

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

```
.border{ border-color:#96387D }
```

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



Here you see how a box with a 4 pixel #96387D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96387D; -webkit-box-shadow:4px 4px  
4px 4px #96387D; box-shadow:4px 4px 4px  
4px #96387D }
```

# Background

The CSS property to change the background color of an element to Hex 96387D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96387D }
```

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

```
.background{ background-color:#96387D }
```

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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