

# Converting Colors

Hex(96435D)

Have a look what the booklet for  
Hex(96435D) contains.

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# Color

**Hex(96435D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96435D
RGB	150, 67, 93
RGB Percent	59%, 26%, 36%
CMY	0.4118, 0.7373, 0.6353
CMYK	0.00, 0.55, 0.38, 0.41
HSL	341°, 38%, 43%
HSV	341°, 55%, 59%
XYZ	16.5606, 11.2887, 11.6620
YIQ	94.7810, 41.1220, 25.6820

# Conversions

## Conversions Part 2

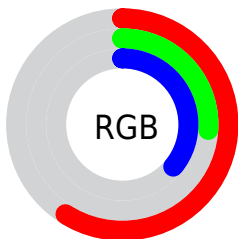
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 67, 93
Decimal	9847645
CIE <sub>Lab</sub>	40.06, 37.62, 1.68
CIE <sub>LCh</sub>	40, 37.654, 2.556
Yxy	11.2887, 0.4191, 0.2857
Android (android.graphics.Color)	4288037725 (0xFF96435D)
YUV	94.7810, -0.8780, 48.4271
Hunter-Lab	33.5986, 29.1844, 2.9396

# Details

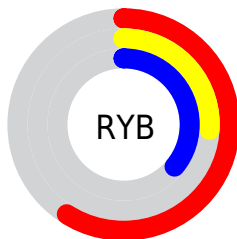
The Hex color **96435D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **43967C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **CF768F**, and **600F2F** is the 20% darker color. If you saturate the color by 10%, you get **963453**, and if you desaturate by 10%, it is **965267**.

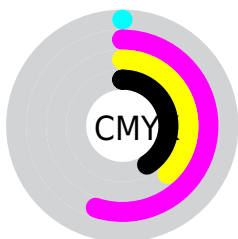
# Distribution



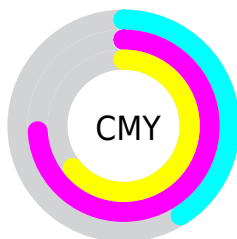
- Red (59%)
- Green (26%)
- Blue (36%)



- Red (59%)
- Yellow (26%)
- Blue (36%)



- Cyan (0%)
- Magenta (55%)
- Yellow (38%)
- Black (41%)



- Cyan (41%)
- Magenta (74%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96435D 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 96435D by changing the saturation by 10% instead.



 96435D

 96435D

FFFFFF

 7B2A46

 CF768F

 600F2F

 EC91AA

 45001B

 FFACC5

 300002

 FFC8E1

 000000

 FFE4FD

 96435D

 96435D

 963453

 965267

 962548

 966172

 96163E

 96707C

 960734

 967F86

 96002F

 968E91

 969D9B

 96ACA5

 96BBAF

 96CABA

# Harmonies

## Analogous

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



86497B



96435D



95473F

# Triad

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



96435D



4E6628



006995

# Complementary

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



96435D



43967C

# 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.



006D7F



96435D



216B41

# Square

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



96435D



6D5E1D



006E60



23619C

# Rectangle

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



96435D



8C4E2E



006E60



006B8F



# Sweetspot

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



96435D



C2A1AB



7C4396



614E54



E0E0E0



616161



# Same Dimension

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



96435D



C2426A



965243



4A4345



8A002B



0A0003



# Inverse Universe

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



96435D



C2426A



438796



4A4345



8A002B

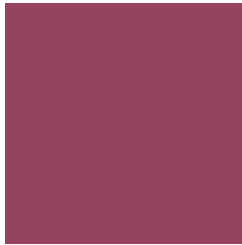


0A0003



# Previews

## White Background



This preview shows how the Hex color 96435D looks on a white background.

## Color Contrast Check

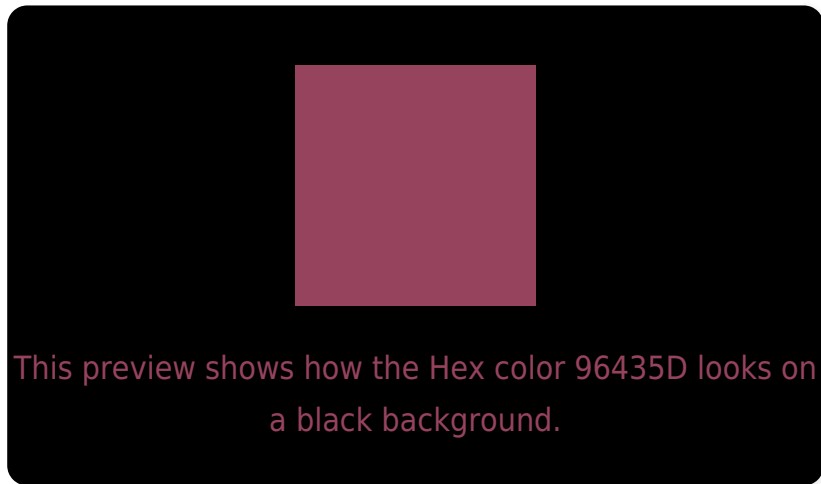
Large Text (above 18pt) WCAG AA ✓ Pass

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

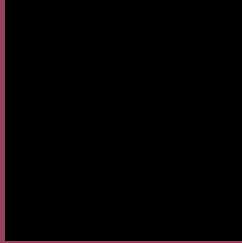
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 96435D Background



This preview shows how black text looks on a background with the Hex color 96435D.



This preview shows how white text looks on a background with the Hex color 96435D.

# 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**  
95464B

# Trichromacy



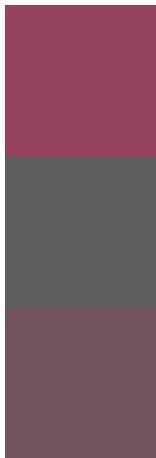
**Original Color**  
96435D

**Protanomaly**  
725467

**Deuteranomaly**  
7A535A

**Tritanomaly**  
954552

# Monochromacy



**Original Color**  
96435D

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
73555E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96435D 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 #96435D looks like.

```
.text, #text, p{  
    color:#96435D  
}
```

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 #96435D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96435D  
}
```

## Border

The CSS property to change the border of an element to Hex 96435D is called "border". The border property can be set on classes, ids or directly on the HTML element.

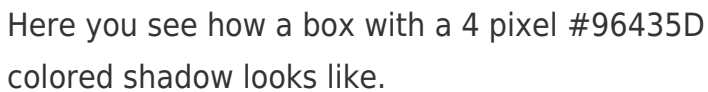
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#96435D }
```

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

```
.border{ border-color:#96435D }
```

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



Here you see how a box with a 4 pixel #96435D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96435D; -webkit-box-shadow:4px 4px  
4px 4px #96435D; box-shadow:4px 4px 4px  
4px #96435D }
```

# Background

The CSS property to change the background color of an element to Hex 96435D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96435D }
```

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

```
.background{ background-color:#96435D }
```

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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