

# Converting Colors

Hex(96475E)

Have a look what the booklet for  
Hex(96475E) contains.

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# Color

**Hex(96475E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96475E
RGB	150, 71, 94
RGB Percent	59%, 28%, 37%
CMY	0.4118, 0.7216, 0.6314
CMYK	0.00, 0.53, 0.37, 0.41
HSL	343°, 36%, 43%
HSV	343°, 53%, 59%
XYZ	16.8513, 11.7987, 11.9789
YIQ	97.2430, 39.7010, 23.9010

# Conversions

## Conversions Part 2

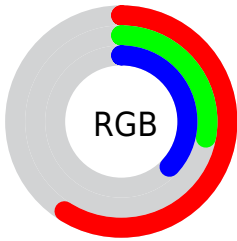
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 71, 94
Decimal	9848670
CIE <sub>Lab</sub>	40.89, 35.66, 2.26
CIE <sub>LCh</sub>	41, 35.727, 3.628
Yxy	11.7987, 0.4148, 0.2904
Android (android.graphics.Color)	4288038750 (0xFF96475E)
YUV	97.2430, -1.5988, 46.2679
Hunter-Lab	34.3492, 27.4589, 3.3677

# Details

The Hex color **96475E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **47967F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **CF7A90**, and **601530** is the 20% darker color. If you saturate the color by 10%, you get **963853**, and if you desaturate by 10%, it is **965669**.

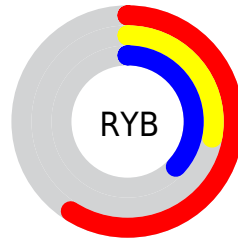
# Distribution



Red (59%)

Green (28%)

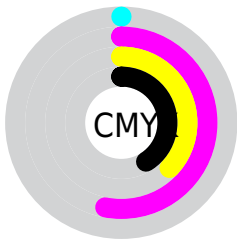
Blue (37%)



Red (59%)

Yellow (28%)

Blue (37%)

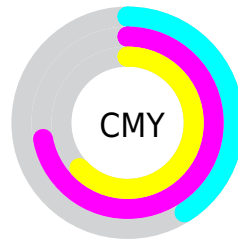


Cyan (0%)

Magenta (53%)

Yellow (37%)

Black (41%)



Cyan (41%)

Magenta (72%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96475E 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 96475E by changing the saturation by 10% instead.



 96475E

 96475E

FFFFFF

 7B2E46

 CF7A90

 601530

 EC94AB

 46001B

 FFB0C6

 300001

 FFCCE2

 000000

 FFE8FF

 96475E

 96475E

 963853

 965669

 962949

 966573

961A3E

96747E

960B33

968389

96002C

969293

96A19E

96B0A8

96BFB3

96CEBE

# Harmonies

## Analogous

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



874C7B



96475E



954B42

# Triad

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



96475E



50682D



006A94

# Complementary

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



96475E



47967F

# 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.



006E80



96475E



266D45

# Square

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



96475E



6E6023



006F63



30629B

# Rectangle

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



96475E



8C5232



006F63



006C8F



# Sweetspot

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



96475E



C2A3AC



7E4796



614E54



E0E0E0



616161



# Same Dimension

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



96475E



C2486B



965747



4A4345



8A0028



0A0003



# Inverse Universe

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



96475E



C2486B



478696



4A4345



8A0028

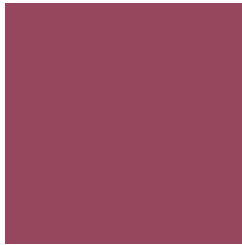


0A0003



# Previews

## White Background



This preview shows how the Hex color 96475E looks on a white background.

## Color Contrast Check

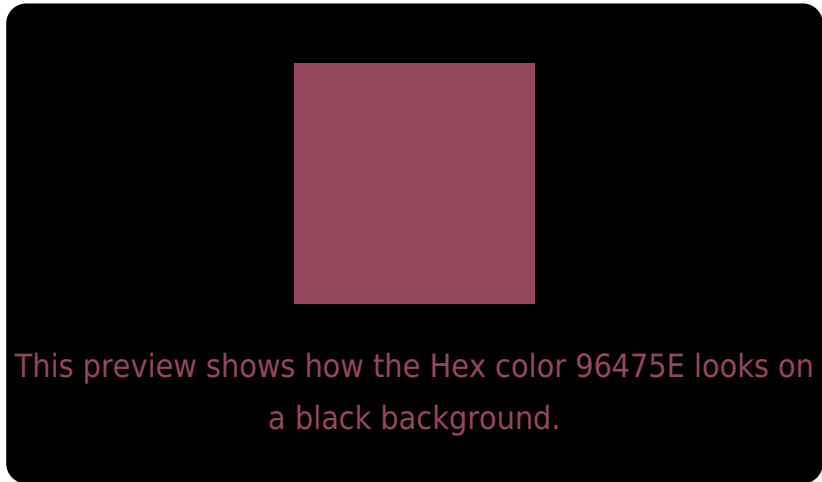
Large Text (above 18pt) WCAG AA ✓ Pass

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 96475E Background



This preview shows how black text looks on a background with the Hex color 96475E.

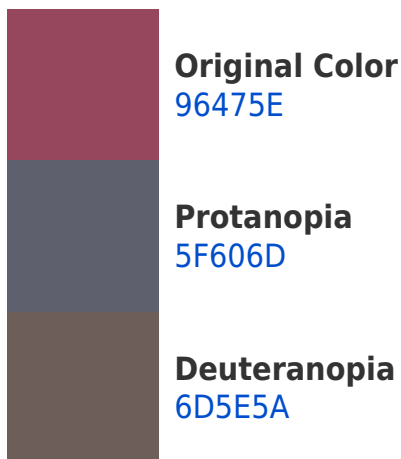


This preview shows how white text looks on a background with the Hex color 96475E.

# 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**  
954A4F

# Trichromacy



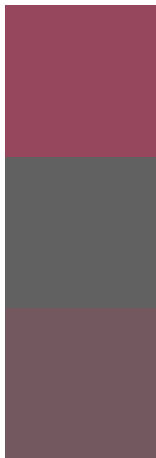
**Original Color**  
96475E

**Protanomaly**  
735768

**Deuteranomaly**  
7C565B

**Tritanomaly**  
954954

# Monochromacy



**Original Color**  
96475E

**Achromatopsia**  
616161

**Achromatomaly**  
745860

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96475E 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 #96475E looks like.

```
.text, #text, p{  
    color:#96475E  
}
```

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 #96475E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96475E
}
```

## Border

The CSS property to change the border of an element to Hex 96475E is called "border". The border property can be set on classes, ids or directly on the HTML element.

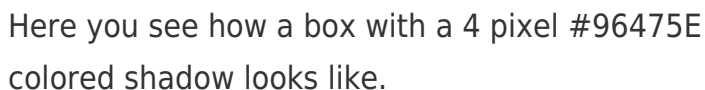
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96475E }
```

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

```
.border{ border-color:#96475E }
```

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



Here you see how a box with a 4 pixel #96475E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96475E; -webkit-box-shadow:4px 4px  
4px 4px #96475E; box-shadow:4px 4px 4px  
4px #96475E }
```

# Background

The CSS property to change the background color of an element to Hex 96475E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96475E }
```

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

```
.background{ background-color:#96475E }
```

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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