

# Converting Colors

Hex(96323C)

Have a look what the booklet for  
Hex(96323C) contains.

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**Color**

**Hex(96323C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96323C
RGB	150, 50, 60
RGB Percent	59%, 20%, 24%
CMY	0.4118, 0.8039, 0.7647
CMYK	0.00, 0.67, 0.60, 0.41
HSL	354°, 50%, 39%
HSV	354°, 67%, 59%
XYZ	14.5339, 9.0915, 5.2638
YIQ	81.0400, 56.3900, 24.3100

# Conversions

## Conversions Part 2

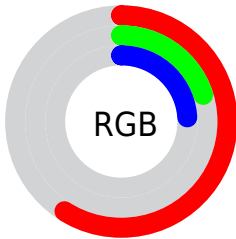
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 50, 60
Decimal	9843260
CIE <sub>Lab</sub>	36.16, 42.55, 17.07
CIE <sub>LCh</sub>	36, 45.844, 21.865
Yxy	9.0915, 0.5031, 0.3147
Android (android.graphics.Color)	4288033340 (0xFF96323C)
YUV	81.0400, -10.3727, 60.4779
Hunter-Lab	30.1521, 33.2743, 10.7560

# Details

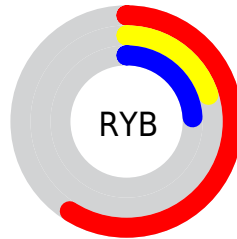
The Hex color **96323C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **32968C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **D1666B**, and **5D0012** is the 20% darker color. If you saturate the color by 10%, you get **96232F**, and if you desaturate by 10%, it is **96414A**.

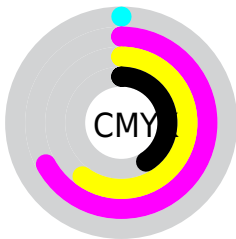
# Distribution



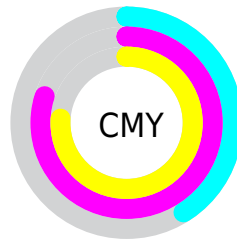
- Red (59%)
- Green (20%)
- Blue (24%)



- Red (59%)
- Yellow (20%)
- Blue (24%)



- Cyan (0%)
- Magenta (67%)
- Yellow (60%)
- Black (41%)



- Cyan (41%)
- Magenta (80%)
- Yellow (76%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96323C 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 96323C by changing the saturation by 10% instead.



 96323C

 96323C

FFFFFF

 791626

 D1666B

 5D0012

 EF8084

 420000

 FF9C9E

 270001

 FFB7B9

 000000

 FFD3D5

 FFF0F1

 96323C

 96323C

 96232F

 96414A

 961421

 965057

 960514

 965F65

 96000F

 966E72

 967D80

 968C8D

 969B9B

 96AAA8

 96B9B5

# Harmonies

## Analogous

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



923161



96323C



89401B

# Triad

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



96323C



1A6224



005C9E

# Complementary

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



96323C



32968C

# 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.



00638E



96323C



006549

# Square

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



96323C



4D5B02



00666F



40509A

# Rectangle

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



96323C



794B05



00666F



005F9B



# Sweetspot

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



96323C



C29B9F



8C3296



614A4C



E0E0E0



616161



# Same Dimension

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



96323C



C22736



965A32



4A4343



8A000E



0A0001



# Inverse Universe

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



96323C



C22736



326E96



4A4343



8A000E



0A0001



# Previews

## White Background



This preview shows how the Hex color 96323C looks on a white background.

## Color Contrast Check

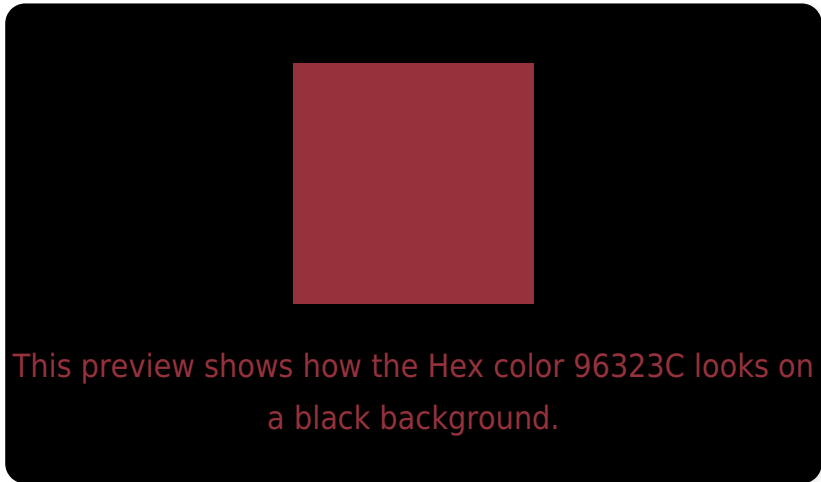
Large Text (above 18pt) WCAG AA ✓ Pass

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 96323C Background



This preview shows how black text looks on a background with the Hex color 96323C.

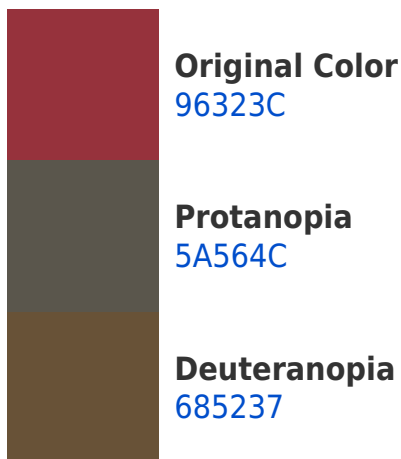



This preview shows how white text looks on a background with the Hex color 96323C.

# 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**  
963336

# Trichromacy



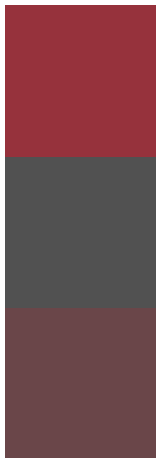
**Original Color**  
96323C

**Protanomaly**  
704946

**Deuteranomaly**  
794639

**Tritanomaly**  
963338

# Monochromacy



**Original Color**  
96323C

**Achromatopsia**  
515151

**Achromatomaly**  
6A4649

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96323C 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 #96323C looks like.

```
.text, #text, p{  
    color:#96323C  
}
```

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 #96323C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96323C
}
```

## Border

The CSS property to change the border of an element to Hex 96323C is called "border". The border property can be set on classes, ids or directly on the HTML element.

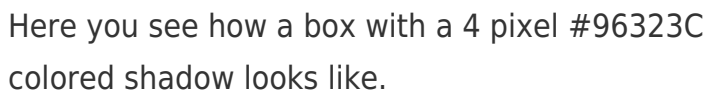
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96323C }
```

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

```
.border{ border-color:#96323C }
```

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



Here you see how a box with a 4 pixel #96323C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96323C; -webkit-box-shadow:4px 4px  
4px 4px #96323C; box-shadow:4px 4px 4px  
4px #96323C }
```

# Background

The CSS property to change the background color of an element to Hex 96323C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96323C }
```

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

```
.background{ background-color:#96323C }
```

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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