

# Converting Colors

Hex(96555B)

Have a look what the booklet for  
Hex(96555B) contains.

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**Color**

**Hex(96555B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96555B
RGB	150, 85, 91
RGB Percent	59%, 33%, 36%
CMY	0.4118, 0.6667, 0.6431
CMYK	0.00, 0.43, 0.39, 0.41
HSL	354°, 28%, 46%
HSV	354°, 43%, 59%
XYZ	17.7145, 13.7364, 11.6153
YIQ	105.1190, 36.8140, 15.6460

# Conversions

## Conversions Part 2

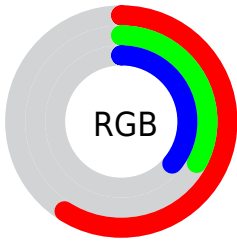
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 85, 91
Decimal	9852251
CIE Lab	43.85, 27.62, 8.34
CIE LCh	44, 28.853, 16.802
Yxy	13.7364, 0.4113, 0.3190
Android (android.graphics.Color)	4288042331 (0xFF96555B)
YUV	105.1190, -6.9607, 39.3606
Hunter-Lab	37.0626, 20.4566, 7.3626

# Details

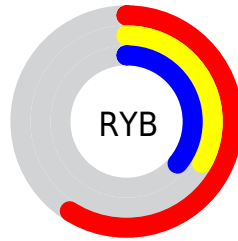
The Hex color **96555B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **559690**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **CE888D**, and **60252D** is the 20% darker color. If you saturate the color by 10%, you get **96464D**, and if you desaturate by 10%, it is **966469**.

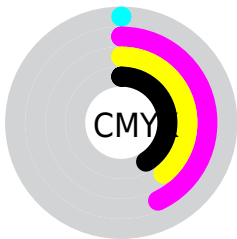
# Distribution



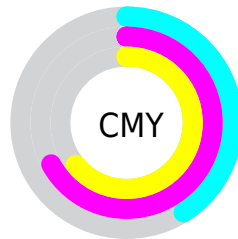
- Red (59%)
- Green (33%)
- Blue (36%)



- Red (59%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (43%)
- Yellow (39%)
- Black (41%)



- Cyan (41%)
- Magenta (67%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96555B 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 96555B by changing the saturation by 10% instead.



 96555B

 96555B

FFFFFF

 7B3D44

 CE888D

 60252D

 EBA2A7

 470E19

 FFBE3

 300000

 FFDADE

 030000

 FFF6FB

 000000

 96555B

 96555B

 96464D

 966469

 963740

 967376

 962832

 968284

 961925

 969191

 960A17

 96A09F

 96000E

 96AFAD

 96BEBA

 96CDC8

 96DCD6

# Harmonies

## Analogous

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



8F5673



96555B



905A46

# Triad

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



96555B



4F7046



2E6D96

# Complementary

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



96555B



559690

# 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.



00728A



96555B



2E745C

# Square

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



96555B



6A6A39



007475



5A6595

# Rectangle

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



96555B



86603C



007475



1A6F93



# Sweetspot

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



96555B



C2A9AB



905596



615153



E0E0E0



616161



# Same Dimension

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



96555B



C25D66



966F55



4A4343



8A000D



0A0001



# Inverse Universe

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



96555B



C25D66



557C96



4A4343



8A000D

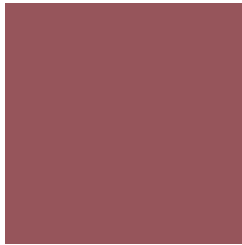


0A0001



# Previews

## White Background



This preview shows how the Hex color 96555B 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

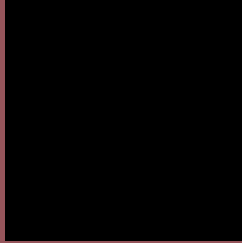
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 96555B Background



This preview shows how black text looks on a background with the Hex color 96555B.

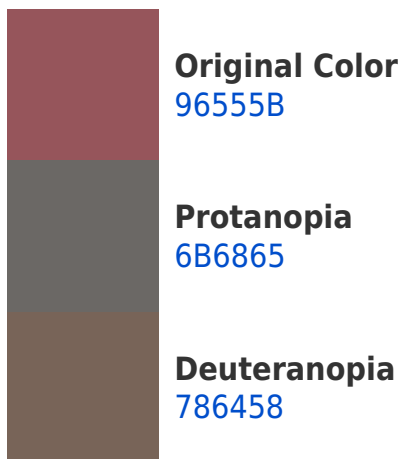


This preview shows how white text looks on a background with the Hex color 96555B.

# 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**  
96555B

# Trichromacy



**Original Color**  
96555B

**Protanomaly**  
7B6161

**Deuteranomaly**  
835F59

**Tritanomaly**  
96555B

# Monochromacy



**Original Color**  
96555B

**Achromatopsia**  
696969

**Achromatomaly**  
796264

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96555B 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 #96555B looks like.

```
.text, #text, p{  
    color:#96555B  
}
```

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 #96555B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96555B
}
```

## Border

The CSS property to change the border of an element to Hex 96555B is called "border". The border property can be set on classes, ids or directly on the HTML element.

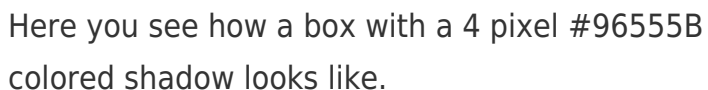
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96555B }
```

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

```
.border{ border-color:#96555B }
```

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



Here you see how a box with a 4 pixel #96555B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96555B; -webkit-box-shadow:4px 4px  
4px 4px #96555B; box-shadow:4px 4px 4px  
4px #96555B }
```

# Background

The CSS property to change the background color of an element to Hex 96555B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96555B }
```

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

```
.background{ background-color:#96555B }
```

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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