

# Converting Colors

Hex(94575D)

Have a look what the booklet for  
Hex(94575D) contains.

<b>Hex(94575D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(94575D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94575D
RGB	148, 87, 93
RGB Percent	58%, 34%, 36%
CMY	0.4196, 0.6588, 0.6353
CMYK	0.00, 0.41, 0.37, 0.42
HSL	354°, 26%, 46%
HSV	354°, 41%, 58%
XYZ	17.5967, 13.9026, 12.1119
YIQ	105.9230, 34.4300, 14.7980

# Conversions

## Conversions Part 2

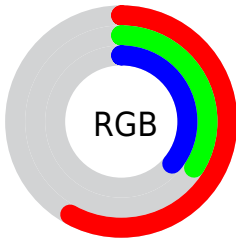
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 87, 93
Decimal	9721693
CIE <sub>Lab</sub>	44.09, 25.95, 7.42
CIE <sub>LCh</sub>	44, 26.991, 15.961
Yxy	13.9026, 0.4035, 0.3188
Android (android.graphics.Color)	4287911773 (0xFF94575D)
YUV	105.9230, -6.3710, 36.9015
Hunter-Lab	37.2862, 18.9898, 6.8407

# Details

The Hex color **94575D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **57948E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **CC8A8F**, and **5F282F** is the 20% darker color. If you saturate the color by 10%, you get **944850**, and if you desaturate by 10%, it is **94666A**.

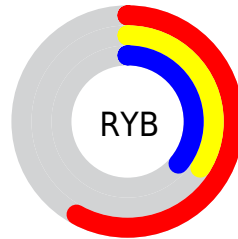
# Distribution



Red (58%)

Green (34%)

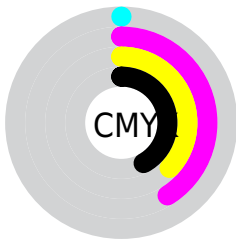
Blue (36%)



Red (58%)

Yellow (34%)

Blue (36%)

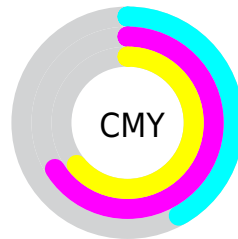


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (42%)



Cyan (42%)

Magenta (66%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94575D 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 94575D by changing the saturation by 10% instead.



 94575D

 94575D

FFFFFF

 793F45

 CC8A8F

 5F282F

 E9A4AA

 45111B

 FFC0C5

 2F0000

 FFDCE1

 010000

 FFF9FD

 000000

 94575D

 94575D

 944850

 94666A

 943942

 947578

 942B35

 948385

 941C28

 949292

 940D1A

 94A1A0

 94000F

 94B0AD

 94BFBA

 94CDC8

 94DCD5

# Harmonies

## Analogous

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



8D5874



94575D



8F5C49

# Triad

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



94575D



527048



346E93

# Complementary

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



94575D



57948E

# 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.



067288



94575D



35735D

# Square

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



94575D



6B6B3C



107474



5B6693

# Rectangle

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



94575D



866140



107474



266F91



# Sweetspot

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



94575D



BFA8AB



8E5794



615355



E0E0E0



616161



# Same Dimension

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



94575D



BF626B



946F57



4A4343



8A000E



0A0001



# Inverse Universe

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



94575D



BF626B



577C94



4A4343



8A000E

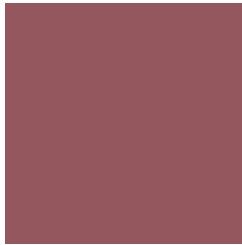


0A0001



# Previews

## White Background



This preview shows how the Hex color 94575D looks on a white background.

## Color Contrast Check

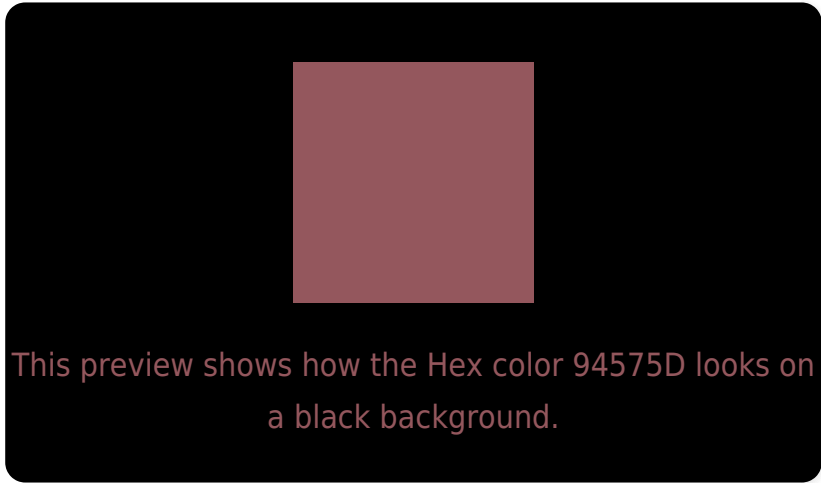
Large Text (above 18pt) WCAG AA ✓ Pass

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 94575D Background



This preview shows how black text looks on a background with the Hex color 94575D.



This preview shows how white text looks on a background with the Hex color 94575D.

# 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



**Original Color**  
94575D

**Protanopia**  
6B6866

**Deuteranopia**  
78655B



**Tritanopia**  
94575D

# Trichromacy



**Original Color**  
94575D

**Protanomaly**  
7A6263

**Deuteranomaly**  
82605C

**Tritanomaly**  
94575D

# Monochromacy



**Original Color**  
94575D

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
796365

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94575D 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 #94575D looks like.

```
.text, #text, p{  
    color:#94575D  
}
```

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 #94575D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94575D
}
```

## Border

The CSS property to change the border of an element to Hex 94575D is called "border". The border property can be set on classes, ids or directly on the HTML element.

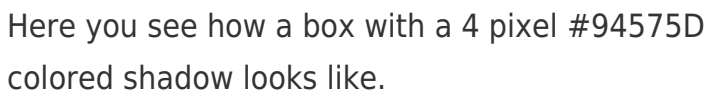
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94575D }
```

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

```
.border{ border-color:#94575D }
```

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



Here you see how a box with a 4 pixel #94575D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94575D; -webkit-box-shadow:4px 4px  
4px 4px #94575D; box-shadow:4px 4px 4px  
4px #94575D }
```

# Background

The CSS property to change the background color of an element to Hex 94575D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94575D }
```

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

```
.background{ background-color:#94575D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor