

# Converting Colors

Hex(995074)

Have a look what the booklet for  
Hex(995074) contains.

<b>Hex(995074)</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(995074)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	995074
RGB	153, 80, 116
RGB Percent	60%, 31%, 45%
CMY	0.4000, 0.6863, 0.5451
CMYK	0.00, 0.48, 0.24, 0.40
HSL	330°, 31%, 46%
HSV	330°, 48%, 60%
XYZ	19.1579, 13.7706, 18.1713
YIQ	105.9310, 31.9520, 26.6720

# Conversions

## Conversions Part 2

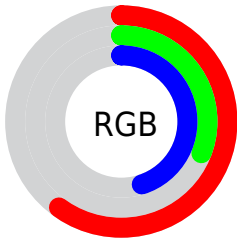
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 80, 116
Decimal	10047604
CIE Lab	43.90, 34.96, -6.83
CIE LCh	44, 35.624, 348.941
Yxy	13.7706, 0.3749, 0.2695
Android (android.graphics.Color)	4288237684 (0xFF995074)
YUV	105.9310, 4.9640, 41.2795
Hunter-Lab	37.1087, 27.2129, -3.0568

# Details

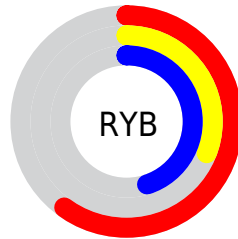
The Hex color **995074** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **509975**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D183A8**, and **641F44** is the 20% darker color. If you saturate the color by 10%, you get **99416C**, and if you desaturate by 10%, it is **995F7C**.

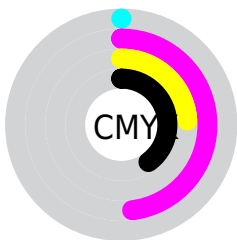
# Distribution



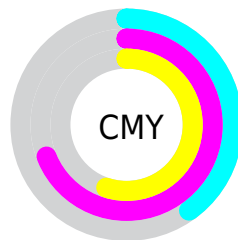
- Red (60%)
- Green (31%)
- Blue (45%)



- Red (60%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (48%)
- Yellow (24%)
- Black (40%)



- Cyan (40%)
- Magenta (69%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 995074 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 995074 by changing the saturation by 10% instead.



 995074

 995074

FFFFFF

 7E375B

 D183A8

 641F44

 EE9EC3

 4A032E

 FFB9DF

 320019

 FFD5FC

 140000

 FFF2FF

 000000

 995074

 995074

 99416C

 995F7C

 993164

 996F84

99225D

997E8B

991355

998D93

99044D

999D9B

99004B

99ACA3

99BBAA

99CAB2

99DABA

# Harmonies

## Analogous

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



81598F



995074



9F5056

# Triad

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



995074



676C2D



007494

# Complementary

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



995074



509975

# 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.



00777A



995074



45733F

# Square

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



995074



83622C



05765B



016EA1

# Rectangle

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



995074



9B5444



05765B



00758C



# Sweetspot

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



995074



C7ABB9



755099



63535B



E3E3E3



636363



# Same Dimension

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



995074



C7568D



995050



4D4549



8C0045



0D0006



# Inverse Universe

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



995074



C7568D



509999



4D4549



8C0045

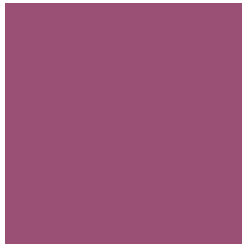


0D0006



# Previews

## White Background



This preview shows how the Hex color 995074 looks on a white background.

## Color Contrast Check

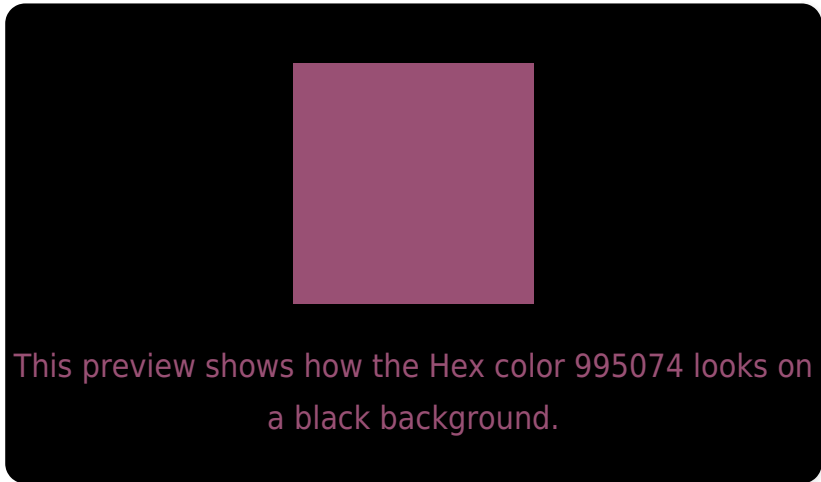
Large Text (above 18pt) WCAG AA ✓ Pass

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

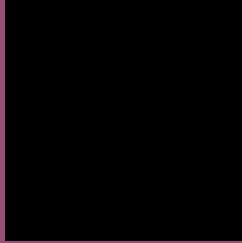
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 995074 Background



This preview shows how black text looks on a background with the Hex color 995074.



This preview shows how white text looks on a background with the Hex color 995074.

# 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**  
97555B

# Trichromacy



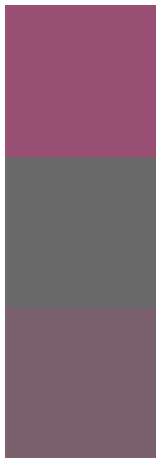
**Original Color**  
995074

**Protanomaly**  
755F7E

**Deuteranomaly**  
7E5D71

**Tritanomaly**  
985364

# Monochromacy



**Original Color**  
995074

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
7B616E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 995074 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 #995074 looks like.

```
.text, #text, p{  
    color:#995074  
}
```

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 #995074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #995074
}
```

## Border

The CSS property to change the border of an element to Hex 995074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

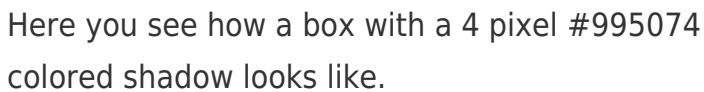
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#995074 }
```

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

```
.border{ border-color:#995074 }
```

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



Here you see how a box with a 4 pixel #995074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #995074; -webkit-box-shadow:4px 4px  
4px 4px #995074; box-shadow:4px 4px 4px  
4px #995074 }
```

# Background

The CSS property to change the background color of an element to Hex 995074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#995074 }
```

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

```
.background{ background-color:#995074 }
```

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