

# Converting Colors

Hex(945F55)

Have a look what the booklet for  
Hex(945F55) contains.

<b>Hex(945F55)</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(945F55)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	945F55
RGB	148, 95, 85
RGB Percent	58%, 37%, 33%
CMY	0.4196, 0.6275, 0.6667
CMYK	0.00, 0.36, 0.43, 0.42
HSL	10°, 27%, 46%
HSV	10°, 43%, 58%
XYZ	17.9446, 15.1362, 10.5701
YIQ	109.7070, 34.7980, 8.1260

# Conversions

## Conversions Part 2

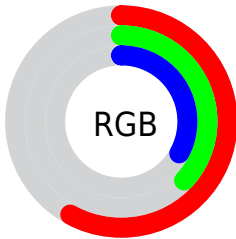
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 97, 85
Decimal	9723733
CIE <sub>Lab</sub>	45.82, 20.37, 14.67
CIE <sub>LCh</sub>	46, 25.102, 35.755
Yxy	15.1362, 0.4111, 0.3468
Android (android.graphics.Color)	4287913813 (0xFF945F55)
YUV	109.7070, -12.1806, 33.5830
Hunter-Lab	38.9053, 14.2470, 11.1253

# Details

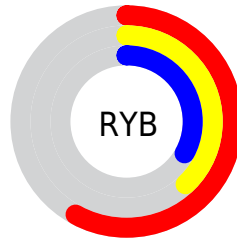
The Hex color **945F55** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **558A94**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **CC9287**, and **5F3028** is the 20% darker color. If you saturate the color by 10%, you get **945346**, and if you desaturate by 10%, it is **946B64**.

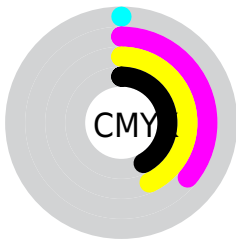
# Distribution



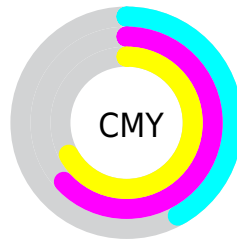
- Red (58%)
- Green (37%)
- Blue (33%)



- Red (58%)
- Yellow (38%)
- Blue (33%)



- Cyan (0%)
- Magenta (36%)
- Yellow (43%)
- Black (42%)



- Cyan (42%)
- Magenta (63%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 945F55 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 945F55 by changing the saturation by 10% instead.



 945F55

 945F55

FFFFFF

 79473E

 CC9287

 5F3028

 E9ADA1

 451A14

 FFC8BC

 2E0300

 FFE4D8

 060000

 FFFFF4

 000000

 945F55

 945F55

 945346

 946B64

 944637

 947873

■ 943A29

■ 948481

■ 942D1A

■ 949190

■ 94210B

■ 949D9F

■ 941700

■ 94AAAE

■ 94B6BD

■ 94C3CB

■ 94CFDA

# Harmonies

## Analogous

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



955C69



945F55



896547

# Triad

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



945F55



47765B



566D96

# Complementary

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



945F55



558A94

# 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.



347392



945F55



2D7870

# Square

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



945F55



60734A



1F7784



74668F

# Rectangle

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



945F55



7D6A43



1F7784



4A6F96



# Sweetspot

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



945F55



BFAAA6



94558B



615451



E0E0E0



616161



# Same Dimension

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



945F55



BF6D5E



947E55



4A4443



8A1600



0A0200



# Inverse Universe

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



558A94



5EB0BF



556B94



43494A



00748A



00090A



# Previews

## White Background



This preview shows how the Hex color 945F55 looks on a white background.

## Color Contrast Check

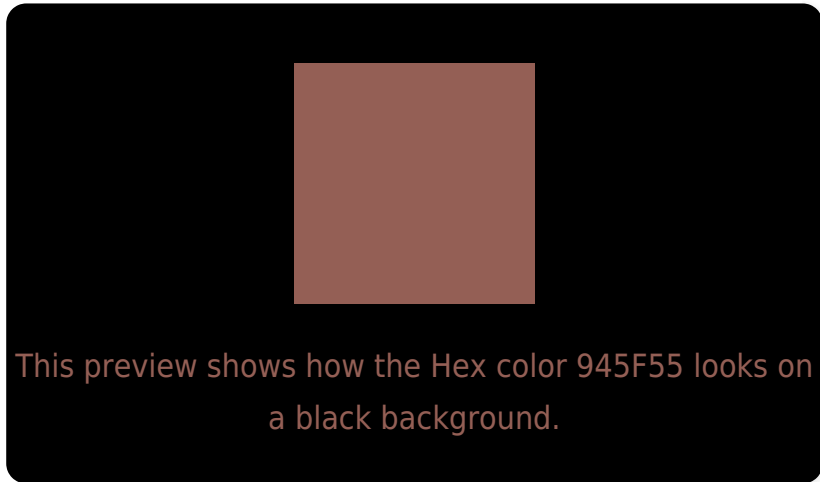
Large Text (above 18pt) WCAG AA ✓ Pass

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 945F55 Background



This preview shows how black text looks on a background with the Hex color 945F55.



This preview shows how white text looks on a background with the Hex color 945F55.

# 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**  
945F55

**Protanopia**  
736D5B

**Deuteranopia**  
806853



**Tritanopia**  
955D64

# Trichromacy



**Original Color**  
945F55

**Protanomaly**  
7F6859

**Deuteranomaly**  
876554

**Tritanomaly**  
955E5F

# Monochromacy



**Original Color**  
945F55

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
7C6965

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 945F55 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 #945F55 looks like.

```
.text, #text, p{  
    color:#945F55  
}
```

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 #945F55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #945F55
}
```

## Border

The CSS property to change the border of an element to Hex 945F55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

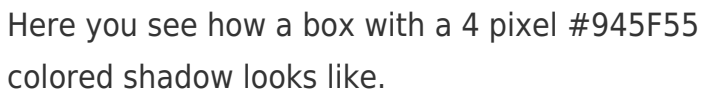
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#945F55 }
```

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

```
.border{ border-color:#945F55 }
```

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



Here you see how a box with a 4 pixel #945F55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #945F55; -webkit-box-shadow:4px 4px  
4px 4px #945F55; box-shadow:4px 4px 4px  
4px #945F55 }
```

# Background

The CSS property to change the background color of an element to Hex 945F55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#945F55 }
```

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

```
.background{ background-color:#945F55 }
```

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