

# Converting Colors

Hex(945E43)

Have a look what the booklet for  
Hex(945E43) contains.

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**Color**

**Hex(945E43)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	945E43
RGB	148, 94, 67
RGB Percent	58%, 37%, 26%
CMY	0.4196, 0.6314, 0.7373
CMYK	0.00, 0.36, 0.55, 0.42
HSL	20°, 38%, 42%
HSV	20°, 55%, 58%
XYZ	17.2286, 14.7066, 7.2408
YIQ	107.0680, 40.8510, 3.0510

# Conversions

## Conversions Part 2

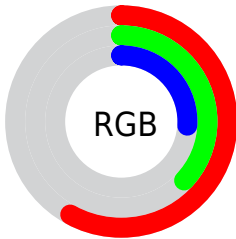
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 108, 67
Decimal	9723459
CIELab	45.23, 19.05, 24.54
CIELCh	45, 31.065, 52.179
Yxy	14.7066, 0.4398, 0.3754
Android (android.graphics.Color)	4287913539 (0xFF945E43)
YUV	107.0680, -19.7535, 35.8974
Hunter-Lab	38.3491, 13.0812, 15.6497

# Details

The Hex color **945E43** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **437994**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **CD9173**, and **5E2F17** is the 20% darker color. If you saturate the color by 10%, you get **945434**, and if you desaturate by 10%, it is **946852**.

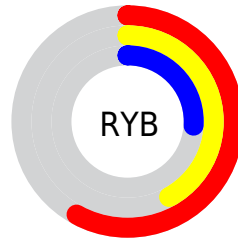
# Distribution



Red (58%)

Green (37%)

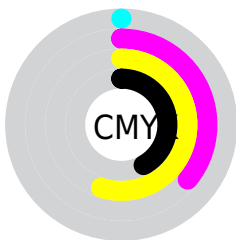
Blue (26%)



Red (58%)

Yellow (42%)

Blue (26%)

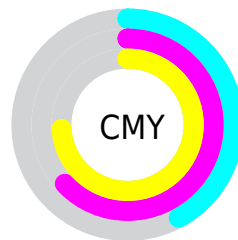


Cyan (0%)

Magenta (36%)

Yellow (55%)

Black (42%)



Cyan (42%)

Magenta (63%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 945E43 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 945E43 by changing the saturation by 10% instead.



 945E43

 945E43

FFFFFF

 79462C

 CD9173

 5E2F17

 EAAB8D

 451900

 FFC7A8

 2B0300

 FFE3C3

 000000

 FFFFDF

FFFFFFC

 945E43

 945E43

 945434

 946852

■ 944A25

■ 947261

■ 944017

■ 947C6F

■ 943708

■ 94857E

■ 943100

■ 948F8D

■ 94999C

■ 94A3AB

■ 94ADB9

■ 94B7C8

# Harmonies

## Analogous

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



9D5759



945E43



816737

# Triad

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



945E43



217863



63679B

# Complementary

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



945E43



437994

# 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.



33709E



945E43



00787E

# Square

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



945E43



4A754A



007693



855D8B

# Rectangle

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



945E43



716D37



007693



556A9E



# Sweetspot

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



945E43



BFABA1



944379



61554E



E0E0E0



616161



# Same Dimension

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



945E43



BF6B41



948743



4A4543



8A2E00



0A0300



# Inverse Universe

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



437994



4195BF



435194



43474A



005C8A



00070A



# Previews

## White Background



This preview shows how the Hex color 945E43 looks on a white background.

## Color Contrast Check

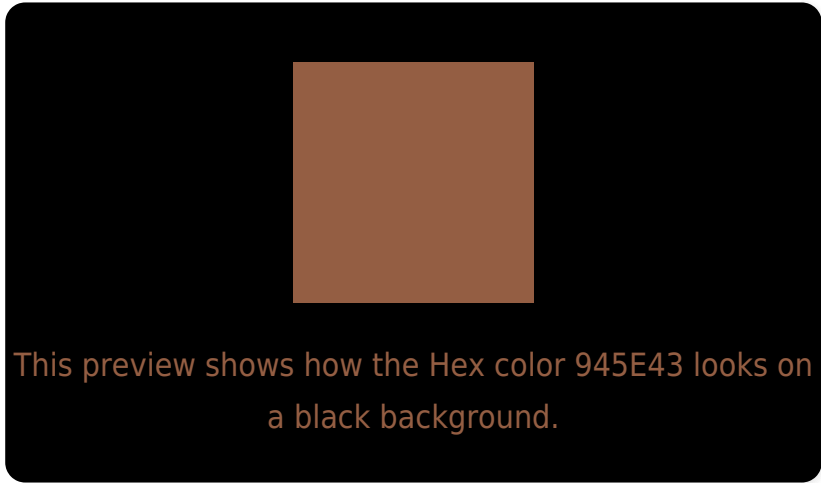
Large Text (above 18pt) WCAG AA ✓ Pass

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

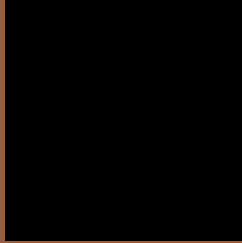
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 945E43 Background



This preview shows how black text looks on a background with the Hex color 945E43.



This preview shows how white text looks on a background with the Hex color 945E43.

# 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**  
945E43

**Protanopia**  
746B48

**Deuteranopia**  
826741



**Tritanopia**  
965A61

# Trichromacy



**Original Color**  
945E43

**Protanomaly**  
806646

**Deuteranomaly**  
896442

**Tritanomaly**  
955B56

# Monochromacy



**Original Color**  
945E43

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
7A665C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 945E43 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 #945E43 looks like.

```
.text, #text, p{  
    color:#945E43  
}
```

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 #945E43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #945E43  
}
```

## Border

The CSS property to change the border of an element to Hex 945E43 is called "border". The border property can be set on classes, ids or directly on the HTML element.

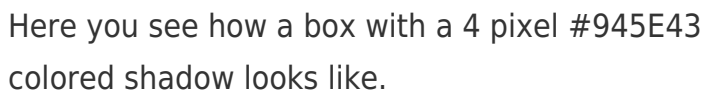
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#945E43 }
```

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

```
.border{ border-color:#945E43 }
```

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



Here you see how a box with a 4 pixel #945E43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #945E43; -webkit-box-shadow:4px 4px  
4px 4px #945E43; box-shadow:4px 4px 4px  
4px #945E43 }
```

# Background

The CSS property to change the background color of an element to Hex 945E43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#945E43 }
```

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

```
.background{ background-color:#945E43 }
```

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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