

# Converting Colors

Hex(945636)

Have a look what the booklet for  
Hex(945636) contains.

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**Color**

**Hex(945636)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	945636
RGB	148, 86, 54
RGB Percent	58%, 34%, 21%
CMY	0.4196, 0.6627, 0.7882
CMYK	0.00, 0.42, 0.64, 0.42
HSL	20°, 47%, 40%
HSV	20°, 64%, 58%
XYZ	16.2064, 13.2178, 5.1872
YIQ	100.8900, 47.2240, 3.1920

# Conversions

## Conversions Part 2

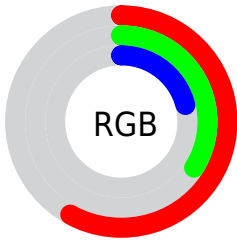
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 103, 54
Decimal	9721398
CIE <sub>Lab</sub>	43.09, 22.56, 29.38
CIE <sub>LCh</sub>	43, 37.041, 52.474
Yxy	13.2178, 0.4682, 0.3819
Android (android.graphics.Color)	4287911478 (0xFF945636)
YUV	100.8900, -23.1168, 41.3155
Hunter-Lab	36.3563, 15.9456, 16.9902

# Details

The Hex color **945636** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **367494**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **CD8866**, and **5D2709** is the 20% darker color. If you saturate the color by 10%, you get **944C27**, and if you desaturate by 10%, it is **946045**.

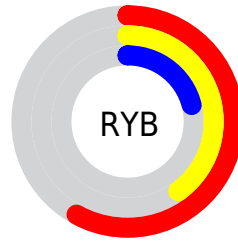
# Distribution



Red (58%)

Green (34%)

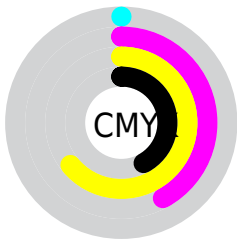
Blue (21%)



Red (58%)

Yellow (40%)

Blue (21%)

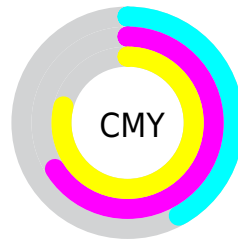


Cyan (0%)

Magenta (42%)

Yellow (64%)

Black (42%)



Cyan (42%)

Magenta (66%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 945636 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 945636 by changing the saturation by 10% instead.



 945636

 945636

FFFFFF

 783E20

 CD8866

 5D2709

 EBA37F

 431100

 FFBE99

 2A0000

 FFDAB4

 000000

 FFF7D0

 FFFFEC

 945636

 945636

 944C27

 946045

■ 944218

■ 946A54

■ 94390A

■ 947362

■ 943200

■ 947D71

■ 948780

■ 94918F

■ 949A9E

■ 94A4AC

■ 94AE8B

# Harmonies

## Analogous

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



9F4D50



945636



7E6127

# Triad

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



945636



00755D



5B619E

# Complementary

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



945636



367494

# 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.



016BA2



945636



00757C

# Square

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



945636



3C713F



007296



84558B

# Rectangle

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



945636



6B6827



007296



4865A2



# Sweetspot

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



945636



BFA79B



943675



61524B



E0E0E0



616161



# Same Dimension

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



945636



BF5F2E



948436



4A4543



8A2F00



0A0300



# Inverse Universe

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



367494



2E8EBF



364694



43474A



005B8A



00070A



# Previews

## White Background



This preview shows how the Hex color 945636 looks on a white background.

## Color Contrast Check

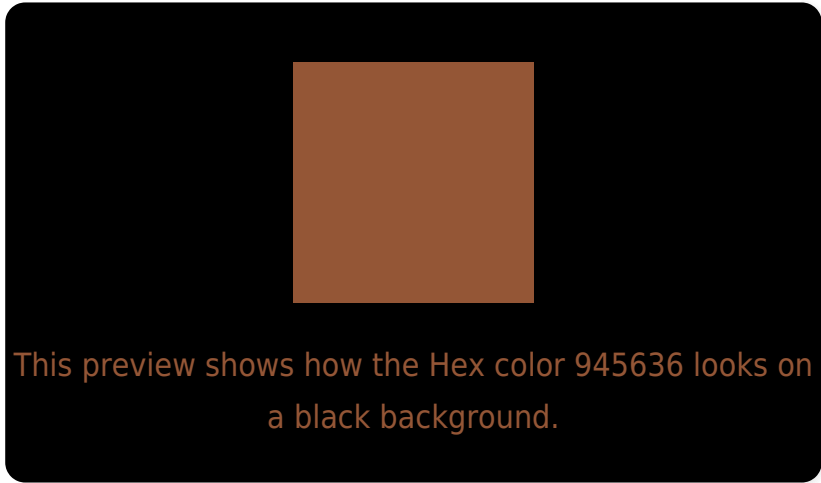
Large Text (above 18pt) WCAG AA ✓ Pass

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

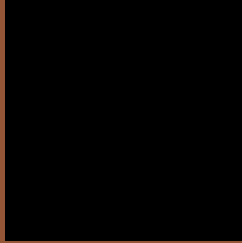
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 945636 Background



This preview shows how black text looks on a background with the Hex color 945636.



This preview shows how white text looks on a background with the Hex color 945636.

# 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**  
945636

**Protanopia**  
70663C

**Deuteranopia**  
7E6133



**Tritanopia**  
965258

# Trichromacy



**Original Color**  
945636

**Protanomaly**  
7D603A

**Deuteranomaly**  
865D34

**Tritanomaly**  
95534C

# Monochromacy



**Original Color**  
945636

**Achromatopsia**  
656565

**Achromatomaly**  
766054

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 945636 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 #945636 looks like.

```
.text, #text, p{  
    color:#945636  
}
```

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 #945636 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #945636
}
```

## Border

The CSS property to change the border of an element to Hex 945636 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
#945636 }
```

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

```
.border{ border-color:#945636 }
```

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

Here you see how a box with a 4 pixel #945636 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #945636; -webkit-box-shadow:4px 4px  
4px 4px #945636; box-shadow:4px 4px 4px  
4px #945636 }
```

# Background

The CSS property to change the background color of an element to Hex 945636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#945636 }
```

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

```
.background{ background-color:#945636 }
```

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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