

# Converting Colors

Hex(945434)

Have a look what the booklet for  
Hex(945434) contains.

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**Color**

**Hex(945434)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	945434
RGB	148, 84, 52
RGB Percent	58%, 33%, 20%
CMY	0.4196, 0.6706, 0.7961
CMYK	0.00, 0.43, 0.65, 0.42
HSL	20°, 48%, 39%
HSV	20°, 65%, 58%
XYZ	16.0029, 12.8845, 4.8923
YIQ	99.4880, 48.4160, 3.6160

# Conversions

## Conversions Part 2

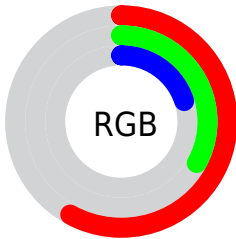
Format	Color
R <sub>Y</sub> B	148, 100, 52
Decimal	9720884
CIE Lab	42.59, 23.56, 29.91
CIE LCh	43, 38.075, 51.780
Yxy	12.8845, 0.4737, 0.3814
Android (android.graphics.Color)	4287910964 (0xFF945434)
YUV	99.4880, -23.4116, 42.5450
Hunter-Lab	35.8950, 16.7637, 17.0455

# Details

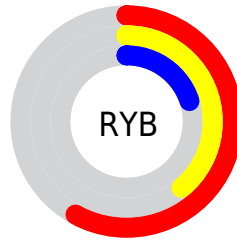
The Hex color **945434** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **347494**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **CE8663**, and **5D2507** is the 20% darker color. If you saturate the color by 10%, you get **944A25**, and if you desaturate by 10%, it is **945E43**.

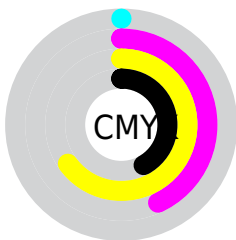
# Distribution



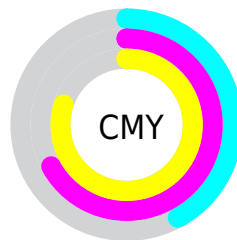
- Red (58%)
- Green (33%)
- Blue (20%)



- Red (58%)
- Yellow (39%)
- Blue (20%)



- Cyan (0%)
- Magenta (43%)
- Yellow (65%)
- Black (42%)



- Cyan (42%)
- Magenta (67%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 945434 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 945434 by changing the saturation by 10% instead.



 945434

 945434

FFFFFF

 783C1E

 CE8663

 5D2507

 EBA17D

 420F00

 FFBC97

 2A0000

 FFD8B2

 000000

 FFF4CD

 FFFFE9

 945434

 945434

 944A25

 945E43

■ 944016

■ 946852

■ 943608

■ 947260

■ 943100

■ 947B6F

■ 94857E

■ 948F8D

■ 94999C

■ 94A3AA

■ 94ADB9

# Harmonies

## Analogous

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



9F4B4F



945434



7E6024

# Triad

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



945434



00745B



58609F

# Complementary

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



945434



347494

# 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.



006BA3



945434



00747B

# Square

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



945434



3A703C



007195



83538C

# Rectangle

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



945434



6B6723



007195



4464A2



# Sweetspot

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



945434



BFA79B



943474



61524B



E0E0E0



616161



# Same Dimension

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



945434



BF5C2A



948434



4A4543



8A2E00



0A0300



# Inverse Universe

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



347494



2A8EBF



344494



43474A



005C8A

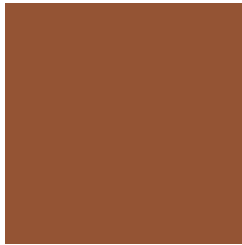


00070A



# Previews

## White Background



This preview shows how the Hex color 945434 looks on a white background.

## Color Contrast Check

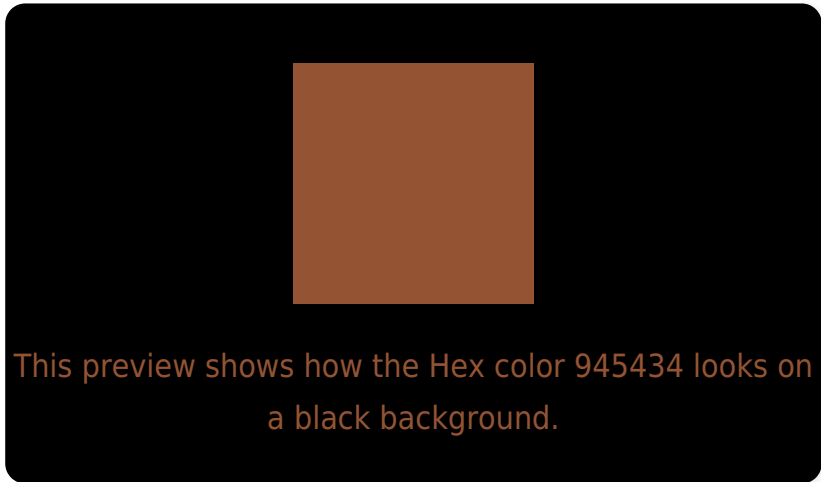
Large Text (above 18pt) WCAG AA ✓ Pass

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

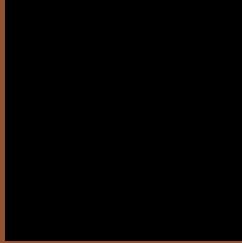
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 945434 Background



This preview shows how black text looks on a background with the Hex color 945434.



This preview shows how white text looks on a background with the Hex color 945434.

# 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**  
945434

**Protanopia**  
6F653A

**Deuteranopia**  
7D6031



**Tritanopia**  
965056

# Trichromacy



**Original Color**  
945434

**Protanomaly**  
7C5F38

**Deuteranomaly**  
855C32

**Tritanomaly**  
95514A

# Monochromacy



**Original Color**  
945434

**Achromatopsia**  
636363

**Achromatomaly**  
755E52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 945434 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 #945434 looks like.

```
.text, #text, p{  
    color:#945434  
}
```

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 #945434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #945434
}
```

## Border

The CSS property to change the border of an element to Hex 945434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

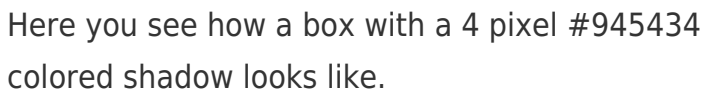
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#945434 }
```

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

```
.border{ border-color:#945434 }
```

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



Here you see how a box with a 4 pixel #945434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #945434; -webkit-box-shadow:4px 4px  
4px 4px #945434; box-shadow:4px 4px 4px  
4px #945434 }
```

# Background

The CSS property to change the background color of an element to Hex 945434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#945434 }
```

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

```
.background{ background-color:#945434 }
```

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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