

# Converting Colors

Hex(946543)

Have a look what the booklet for  
Hex(946543) contains.

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**Color**

**Hex(946543)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	946543
RGB	148, 101, 67
RGB Percent	58%, 40%, 26%
CMY	0.4196, 0.6039, 0.7373
CMYK	0.00, 0.32, 0.55, 0.42
HSL	25°, 38%, 42%
HSV	25°, 55%, 58%
XYZ	17.8795, 16.0085, 7.4578
YIQ	111.1770, 38.9260, -0.6100

# Conversions

## Conversions Part 2

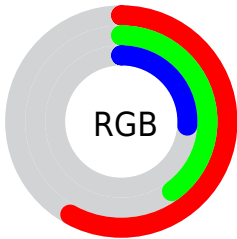
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 126, 67
Decimal	9725251
CIE <sub>Lab</sub>	46.99, 15.00, 26.77
CIE <sub>LCh</sub>	47, 30.682, 60.733
Yxy	16.0085, 0.4324, 0.3872
Android (android.graphics.Color)	4287915331 (0xFF946543)
YUV	111.1770, -21.7793, 32.2938
Hunter-Lab	40.0106, 9.7476, 16.9561

# Details

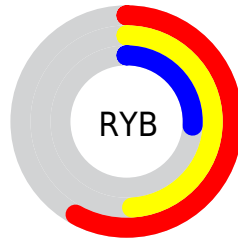
The Hex color **946543** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **437294**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **CC9874**, and **5E3616** is the 20% darker color. If you saturate the color by 10%, you get **945C34**, and if you desaturate by 10%, it is **946E52**.

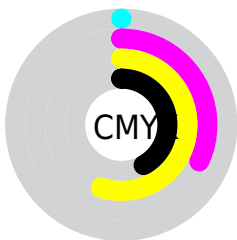
# Distribution



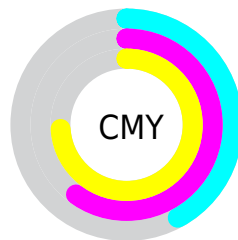
- Red (58%)
- Green (40%)
- Blue (26%)



- Red (58%)
- Yellow (49%)
- Blue (26%)



- Cyan (0%)
- Magenta (32%)
- Yellow (55%)
- Black (42%)



- Cyan (42%)
- Magenta (60%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 946543 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 946543 by changing the saturation by 10% instead.



 946543

 946543

FFFFFF

 794D2C

 CC9874

 5E3616

 E9B38D

 452000

 FFCEA8

 2C0C00

 FFEBC3

 050000

 FFFFDF

 000000

FFFFFFC

 946543

 946543

 945C34

 946E52

■ 945425

■ 947661

■ 944B17

■ 947F6F

■ 944308

■ 94877E

■ 943E00

■ 94908D

■ 94999C

■ 94A1AB

■ 94AAB9

■ 94B2C8

# Harmonies

## Analogous

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



A05D56



946543



7F6E3B

# Triad

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



946543



1A7D6F



73689C

# Complementary

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



946543



437294

# 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.



4972A3



946543



007C89

# Square

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



946543



457B55



05799C



905F89

# Rectangle

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



946543



6E733E



05799C



666CA0



# Sweetspot

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



946543



BFADA1



944372



61564E



E0E0E0



616161



# Same Dimension

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



946543



BF7641



948D43



4A4643



8A3A00



0A0400



# Inverse Universe

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



437294



418ABF



434A94



43474A



00508A

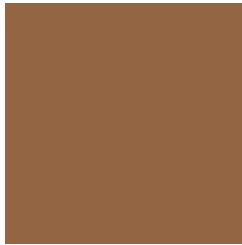


00060A



# Previews

## White Background



This preview shows how the Hex color 946543 looks on a white background.

## Color Contrast Check

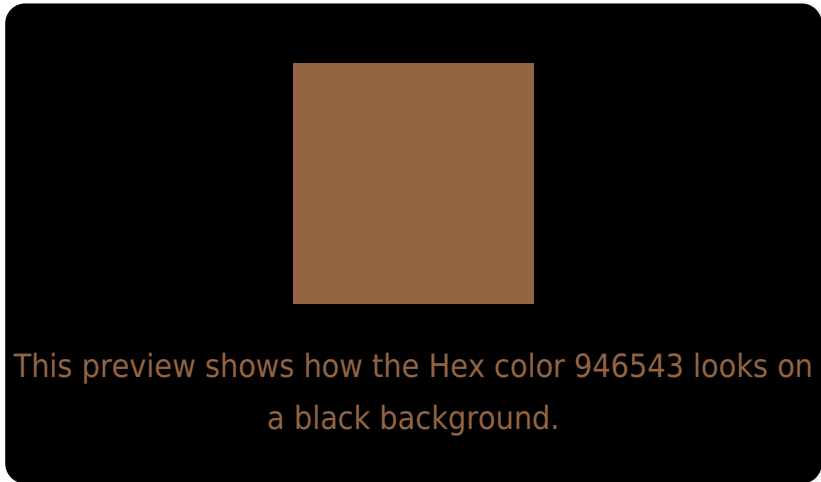
Large Text (above 18pt) WCAG AA ✓ Pass

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

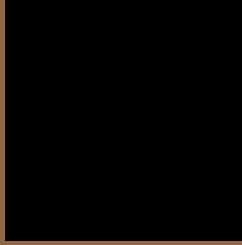
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 946543 Background



This preview shows how black text looks on a background with the Hex color 946543.



This preview shows how white text looks on a background with the Hex color 946543.

# 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**  
946543

**Protanopia**  
7A7047

**Deuteranopia**  
886B42



**Tritanopia**  
976068

# Trichromacy



**Original Color**  
946543

**Protanomaly**  
836C46

**Deuteranomaly**  
8C6942

**Tritanomaly**  
96625B

# Monochromacy



**Original Color**  
946543

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
7C6B5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 946543 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 #946543 looks like.

```
.text, #text, p{  
    color:#946543  
}
```

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 #946543 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #946543  
}
```

## Border

The CSS property to change the border of an element to Hex 946543 is called "border". The border property can be set on classes, ids or directly on the HTML element.

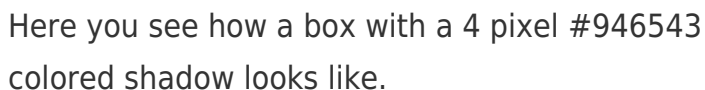
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#946543 }
```

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

```
.border{ border-color:#946543 }
```

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



Here you see how a box with a 4 pixel #946543 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #946543; -webkit-box-shadow:4px 4px  
4px 4px #946543; box-shadow:4px 4px 4px  
4px #946543 }
```

# Background

The CSS property to change the background color of an element to Hex 946543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#946543 }
```

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

```
.background{ background-color:#946543 }
```

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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