

Converting Colors

Hex(945351)

Have a look what the booklet for
Hex(945351) contains.

| | |
|--|----|
| Hex(945351) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(945351)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 945351 |
| RGB | 148, 83, 81 |
| RGB Percent | 58%, 33%, 32% |
| CMY | 0.4196, 0.6745, 0.6824 |
| CMYK | 0.00, 0.44, 0.45, 0.42 |
| HSL | 2°, 29%, 45% |
| HSV | 2°, 45%, 58% |
| XYZ | 16.7912, 13.0765, 9.4236 |
| YIQ | 102.2070, 39.3820, 13.1580 |

Conversions

Conversions Part 2

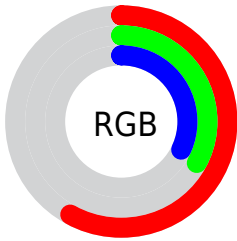
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 148, 83, 81 |
| Decimal | 9720657 |
| CIE Lab | 42.88, 26.77, 13.05 |
| CIE LCh | 43, 29.779, 25.984 |
| Yxy | 13.0765, 0.4274, 0.3328 |
| Android (android.graphics.Color) | 4287910737 (0xFF945351) |
| YUV | 102.2070, -10.4551, 40.1605 |
| Hunter-Lab | 36.1614, 19.6022, 9.8621 |

Details

The Hex color **945351** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **519294**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **CC8682**, and **5E2424** is the 20% darker color. If you saturate the color by 10%, you get **944542**, and if you desaturate by 10%, it is **946160**.

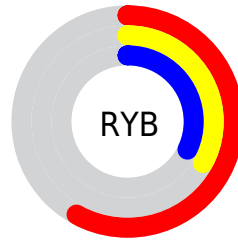
Distribution



 Red (58%)

 Green (33%)

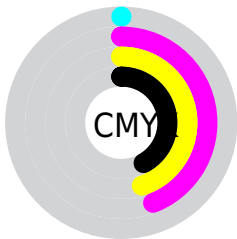
 Blue (32%)



 Red (58%)

 Yellow (33%)

 Blue (32%)

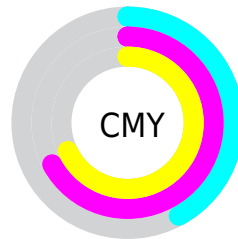


 Cyan (0%)

 Magenta (44%)

 Yellow (45%)

 Black (42%)



 Cyan (42%)

 Magenta (67%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 945351 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 945351 by changing the saturation by 10% instead.

 945351

 945351

FFFFFF

 793B3A

 CC8682

 5E2424

 E9A09C

 440C10

 FFBBB7

 2D0000

 FFD7D3

 000000

 FFF4EF

 945351

 945351

 944542

 946160

 943633

 94706F

 942825

 947E7D

 941A16

 948C8C

 940B07

 949B9B

 940400

 94A9AA

 94B8B9

 94C6C7

 94D4D6

Harmonies

Analogous

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



91526A



945351



8A5A3D

Triad

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



945351



426F49



376996

Complementary

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



945351



519294

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.



006F8D



945351



197261

Square

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



945351



5F6A38



00727A



636091

Rectangle

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



945351



7F6035



00727A



246B95

Sweetspot

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



945351



BFA5A4



945193



615150



E0E0E0



616161

Same Dimension

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



945351



BF5B58



947451



4A4343



8A0400



0A0000

Inverse Universe

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



519294



58BCBF



517194



434A4A



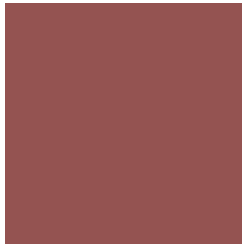
00868A



000A0A

Previews

White Background



This preview shows how the Hex color 945351 looks on a white background.

Color Contrast Check

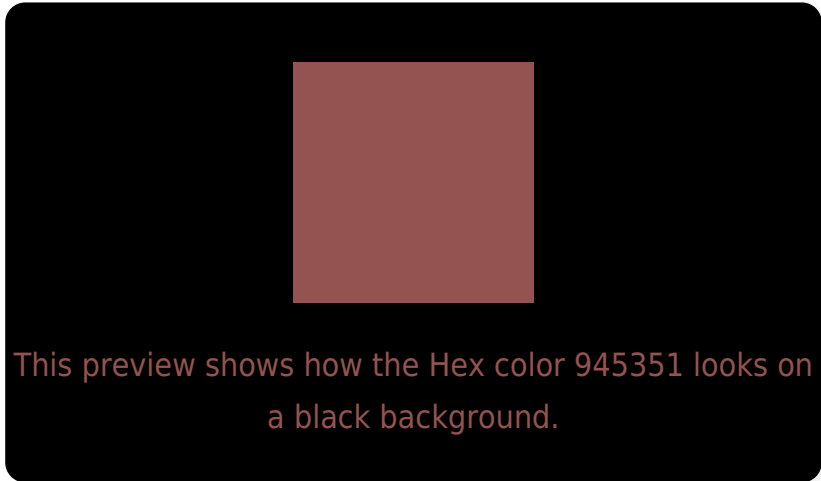
Large Text (above 18pt) WCAG AA ✓ Pass

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

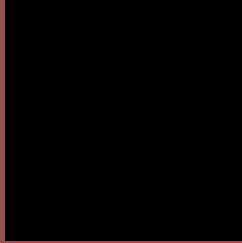
Any Text WCAG AA × Fail

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 945351 Background



This preview shows how black text looks on a background with the Hex color 945351.



This preview shows how white text looks on a background with the Hex color 945351.

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
945351

Protanopia
6A655A

Deuteranopia
77624E

Trichromacy



Original Color
945351

Protanomaly
795E57

Deuteranomaly
825D4F

Tritanomaly
95255

Monochromacy



Original Color
945351

Achromatopsia
666666

Achromatomaly
775F5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 945351 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 #945351 looks like.

```
.text, #text, p{  
    color:#945351  
}
```

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 #945351 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #945351
}
```

Border

The CSS property to change the border of an element to Hex 945351 is called "border". The border property can be set on classes, ids or directly on the HTML element.

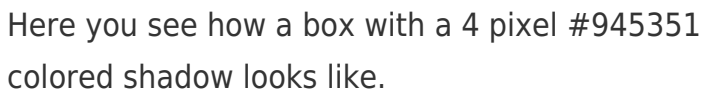
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#945351 }
```

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

```
.border{ border-color:#945351 }
```

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



Here you see how a box with a 4 pixel #945351 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #945351; -webkit-box-shadow:4px 4px  
4px 4px #945351; box-shadow:4px 4px 4px  
4px #945351 }
```

Background

The CSS property to change the background color of an element to Hex 945351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#945351 }
```

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

```
.background{ background-color:#945351 }
```

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