

Converting Colors

Hex(935734)

Have a look what the booklet for
Hex(935734) contains.

Hex(935734)	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(935734)

Conversions

Conversions Part 1

Format	Color
Hex	935734
RGB	147, 87, 52
RGB Percent	58%, 34%, 20%
CMY	0.4235, 0.6588, 0.7961
CMYK	0.00, 0.41, 0.65, 0.42
HSL	22°, 48%, 39%
HSV	22°, 65%, 58%
XYZ	16.0607, 13.2674, 4.9632
YIQ	100.9500, 46.9950, 1.8350

Conversions

Conversions Part 2

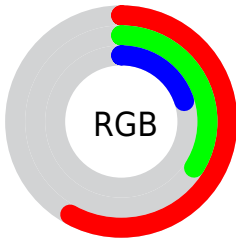
Format	Color
R_{YB}	147, 107, 52
Decimal	9656116
CIE Lab	43.16, 21.41, 30.56
CIE LCh	43, 37.316, 54.986
Yxy	13.2674, 0.4684, 0.3869
Android (android.graphics.Color)	4287846196 (0xFF935734)
YUV	100.9500, -24.1323, 40.3859
Hunter-Lab	36.4244, 14.9635, 17.4182

Details

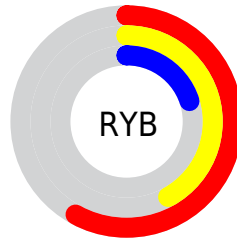
The Hex color **935734** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **347093**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **CC8964**, and **5C2907** is the 20% darker color. If you saturate the color by 10%, you get **934E25**, and if you desaturate by 10%, it is **936043**.

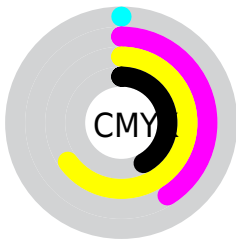
Distribution



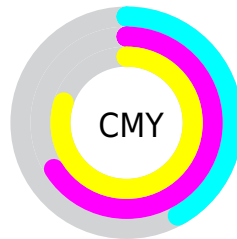
- Red (58%)
- Green (34%)
- Blue (20%)



- Red (58%)
- Yellow (42%)
- Blue (20%)



- Cyan (0%)
- Magenta (41%)
- Yellow (65%)
- Black (42%)



- Cyan (42%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 935734 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 935734 by changing the saturation by 10% instead.

 935734

 935734

FFFFFF

 773F1E

 CC8964

 5C2907

 EAA47D

 421300

 FFBF97

 290000

 FFDBB2

 000000

 FFF8CD

 FFFFEA

 935734

 935734

 934E25

 936043

■ 934417

■ 936A51

■ 933B08

■ 937360

■ 933600

■ 937C6F

■ 93857D

■ 938F8C

■ 93989B

■ 93A1AA

■ 93ABB8

Harmonies

Analogous

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



9F4D4E



935734



7C6326

Triad

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



935734



007560



5F609E

Complementary

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



935734



347093

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.



126BA3



935734



00757F

Square

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



935734



387241



007298



87548A

Rectangle

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



935734



696927



007298



4D64A2

Sweetspot

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



935734



BFA89B



933470



61534B



E0E0E0



616161

Same Dimension

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



935734



BF612A



938634



4A4543



8A3300



0A0400

Inverse Universe

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



347093



2A88BF



344193



43474A



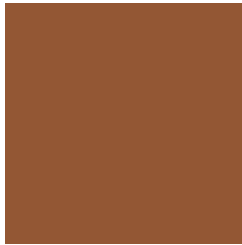
00578A



00060A

Previews

White Background



This preview shows how the Hex color 935734 looks on a white background.

Color Contrast Check

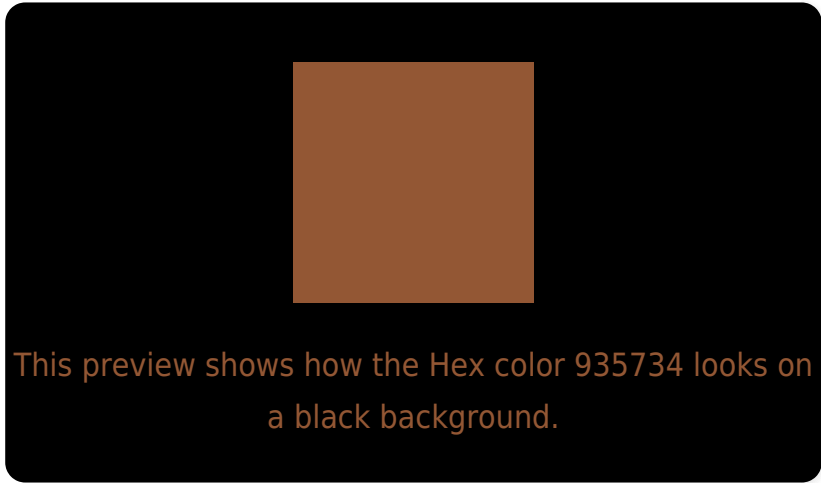
Large Text (above 18pt) WCAG AA ✓ Pass

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

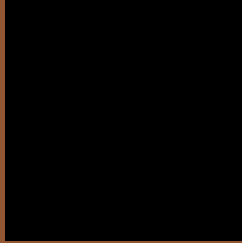
Any Text WCAG AA × Fail

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 935734 Background



This preview shows how black text looks on a background with the Hex color 935734.



This preview shows how white text looks on a background with the Hex color 935734.

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
935734

Protanopia
716739

Deuteranopia
7E6232



Tritanopia
955359

Trichromacy



Original Color
935734

Protanomaly
7D6137

Deuteranomaly
865E33

Tritanomaly
94544C

Monochromacy



Original Color
935734

Achromatopsia
656565

Achromatomaly
766053

CSS Examples

Text

The CSS property to change the color of the text to Hex 935734 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 #935734 looks like.

```
.text, #text, p{  
    color:#935734  
}
```

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 #935734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935734
}
```

Border

The CSS property to change the border of an element to Hex 935734 is called "border". The border property can be set on classes, ids or directly on the HTML element.

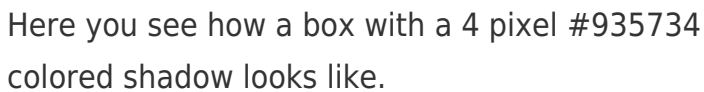
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#935734 }
```

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

```
.border{ border-color:#935734 }
```

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



Here you see how a box with a 4 pixel #935734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935734; -webkit-box-shadow:4px 4px  
4px 4px #935734; box-shadow:4px 4px 4px  
4px #935734 }
```

Background

The CSS property to change the background color of an element to Hex 935734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935734 }
```

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

```
.background{ background-color:#935734 }
```

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