

Converting Colors

Hex(9F5347)

Have a look what the booklet for
Hex(9F5347) contains.

Hex(9F5347)	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(9F5347)

Conversions

Conversions Part 1

Format	Color
Hex	9F5347
RGB	159, 83, 71
RGB Percent	62%, 33%, 28%
CMY	0.3765, 0.6745, 0.7216
CMYK	0.00, 0.48, 0.55, 0.38
HSL	8°, 38%, 45%
HSV	8°, 55%, 62%
XYZ	18.5287, 14.0124, 7.6893
YIQ	104.3560, 49.1480, 12.3800

Conversions

Conversions Part 2

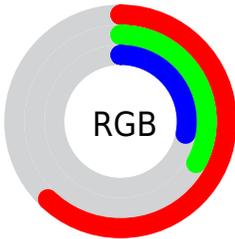
Format	Color
RYB	159, 85, 71
Decimal	10441543
CIELab	44.25, 30.21, 21.21
CIELCh	44, 36.917, 35.071
Yxy	14.0124, 0.4606, 0.3483
Android (android.graphics.Color)	4288631623 (0xFF9F5347)
YUV	104.3560, -16.4445, 47.9228
Hunter-Lab	37.4331, 22.8461, 14.0241

Details

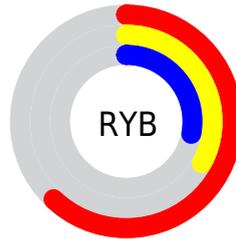
The Hex color **9F5347** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **47939F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D98678**, and **67231B** is the 20% darker color. If you saturate the color by 10%, you get **9F4537**, and if you desaturate by 10%, it is **9F6157**.

Distribution



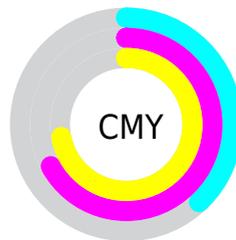
- Red (62%)
- Green (33%)
- Blue (28%)



- Red (62%)
- Yellow (33%)
- Blue (28%)



- Cyan (0%)
- Magenta (48%)
- Yellow (55%)
- Black (38%)



- Cyan (38%)
- Magenta (67%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F5347 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 9F5347 by changing the saturation by 10% instead.

 9F5347

 9F5347

FFFFFF

 833B30

 D98678

 67231B

 F7A191

 4D0902

 FFBCAC

 330000

 FFD8C7

 0E0000

 FFF5E3

 000000

 9F5347

 9F5347

 9F4537

 9F6157

 9F3827

 9F6E67

 9F2A17

 9F7C77

 9F1C07

 9F8A87

 9F1600

 9F9897

 9FA5A6

 9FB3B6

 9FC1C6

 9FCFD6

Harmonies

Analogous

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



A14E65



9F5347



8F5E31

Triad

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



9F5347



2A764E



3B6AA6

Complementary

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



9F5347



47939F

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.



0073A0



9F5347



00786D

Square

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



9F5347



557134



00778B



725E9B

Rectangle

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



9F5347



7F6529



00778B



1C6DA6

Sweetspot

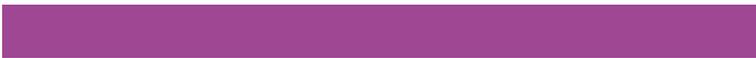
The Sweet Spot groups the original color and five complimentary colors.



9F5347



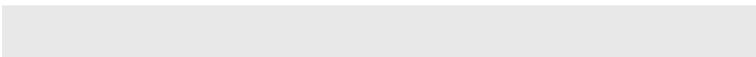
CFB0AB



9F4793



695654



E8E8E8



696969

Same Dimension

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



9F5347



CF5946



9F7F47



4F4847



8F1300



0F0200

Inverse Universe

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



47939F



46BCCF



47679F



474E4F



007B8F



000D0F

Previews

White Background



This preview shows how the Hex color 9F5347 looks on a white background.

Color Contrast Check

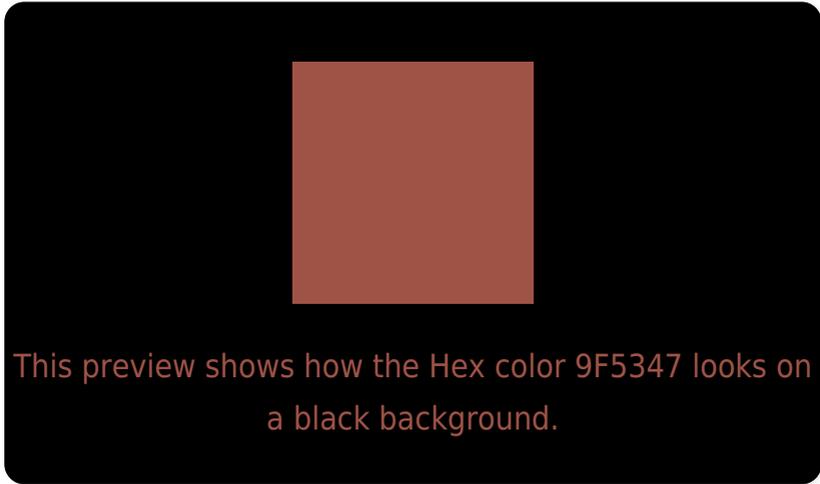
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F5347 Background



This preview shows how black text looks on a background with the Hex color 9F5347.



This preview shows how white text looks on a background with the Hex color 9F5347.

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
9F5347

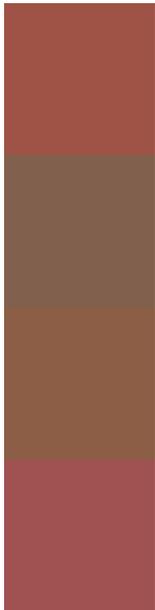
Protanopia
706950

Deuteranopia
7F6544



Tritanopia
A05157

Trichromacy



Original Color
9F5347

Protanomaly
81614D

Deuteranomaly
8B5E45

Tritanomaly
A05251

Monochromacy



Original Color
9F5347

Achromatopsia
686868

Achromatomaly
7C605C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F5347 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 #9F5347 looks like.

```
.text, #text, p{  
    color:#9F5347  
}
```

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 #9F5347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F5347
}
```

Border

The CSS property to change the border of an element to Hex 9F5347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

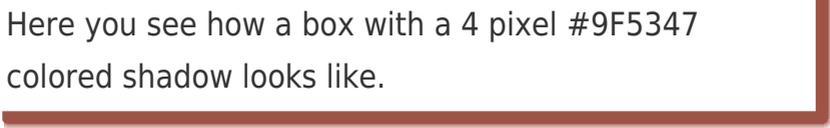
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F5347 }
```

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

```
.border{ border-color:#9F5347 }
```

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



Here you see how a box with a 4 pixel #9F5347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F5347; -webkit-box-shadow:4px 4px  
4px 4px #9F5347; box-shadow:4px 4px 4px  
4px #9F5347 }
```

Background

The CSS property to change the background color of an element to Hex 9F5347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F5347 }
```

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

```
.background{ background-color:#9F5347 }
```

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