

Converting Colors

Hex(9F4242)

Have a look what the booklet for
Hex(9F4242) contains.

Hex(9F4242)	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(9F4242)

Conversions

Conversions Part 1

Format	Color
Hex	9F4242
RGB	159, 66, 66
RGB Percent	62%, 26%, 26%
CMY	0.3765, 0.7412, 0.7412
CMYK	0.00, 0.58, 0.58, 0.38
HSL	0°, 41%, 44%
HSV	0°, 58%, 62%
XYZ	17.2297, 11.6607, 6.4969
YIQ	93.8070, 55.4280, 19.7160

Conversions

Conversions Part 2

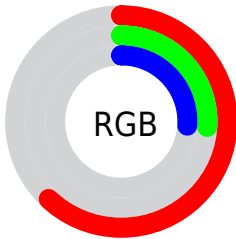
Format	Color
R _Y B	159, 66, 66
Decimal	10437186
CIE Lab	40.67, 38.70, 19.56
CIE LCh	41, 43.362, 26.809
Yxy	11.6607, 0.4869, 0.3295
Android (android.graphics.Color)	4288627266 (0xFF9F4242)
YUV	93.8070, -13.7089, 57.1743
Hunter-Lab	34.1478, 30.3057, 12.6230

Details

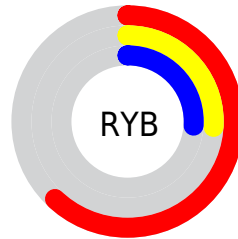
The Hex color **9F4242** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **429F9F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **DA7572**, and **660C17** is the 20% darker color. If you saturate the color by 10%, you get **9F3232**, and if you desaturate by 10%, it is **9F5252**.

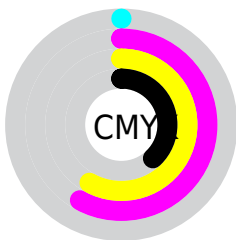
Distribution



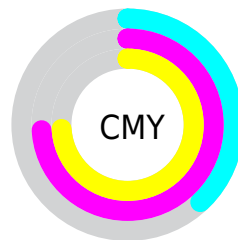
- Red (62%)
- Green (26%)
- Blue (26%)



- Red (62%)
- Yellow (26%)
- Blue (26%)



- Cyan (0%)
- Magenta (58%)
- Yellow (58%)
- Black (38%)



- Cyan (38%)
- Magenta (74%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F4242 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 9F4242 by changing the saturation by 10% instead.

 9F4242

 9F4242

FFFFFF

 82292C

 DA7572

 660C17

 F8908B

 4B0000

 FFABA6

 320001

 FFC7C1

 000000

 FFE4DD

 FFFFF9

 9F4242

 9F4242

 9F3232

 9F5252

 9F2222

 9F6262

 9F1212

 9F7272

 9F0202

 9F8282

 9F0000

 9F9292

 9FA1A1

 9FB1B1

 9FC1C1

 9FD1D1

Harmonies

Analogous

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



9D3F65



9F4242



904F24

Triad

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



9F4242



216E37



0065A7

Complementary

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



9F4242



429F9F

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.



006D9B



9F4242



00715B

Square

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



9F4242



53671A



00717F



5958A0

Rectangle

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



9F4242



7F5815



00717F



0068A5

Sweetspot

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



9F4242



CFA9A9



9F429F



695252



E8E8E8



696969

Same Dimension

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



9F4242



CF3E3E



9F7142



4F4747



8F0000



0F0000

Inverse Universe

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



429F9F



3ECFCF



42719F



474F4F



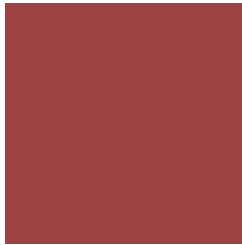
008F8F



000F0F

Previews

White Background



This preview shows how the Hex color 9F4242 looks on a white background.

Color Contrast Check

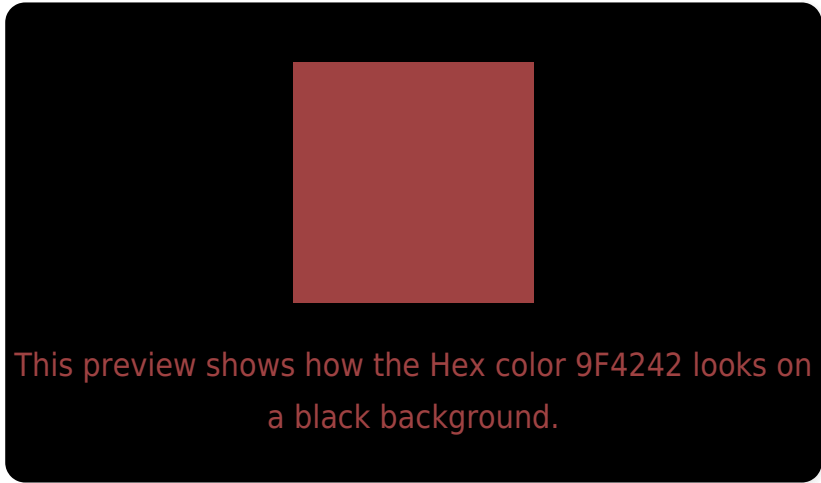
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F4242 Background



This preview shows how black text looks on a background with the Hex color 9F4242.

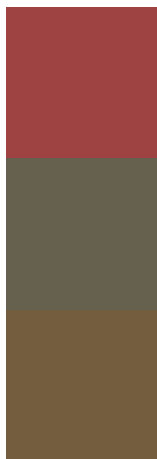


This preview shows how white text looks on a background with the Hex color 9F4242.

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
9F4242

Protanopia
66604F

Deuteranopia
745C3E



Tritanopia
9F4146

Trichromacy



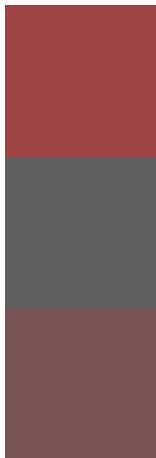
Original Color
9F4242

Protanomaly
7B554A

Deuteranomaly
84533F

Tritanomaly
9F4145

Monochromacy



Original Color
9F4242

Achromatopsia
5E5E5E

Achromatomaly
765454

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F4242 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 #9F4242 looks like.

```
.text, #text, p{  
    color:#9F4242  
}
```

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 #9F4242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F4242
}
```

Border

The CSS property to change the border of an element to Hex 9F4242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

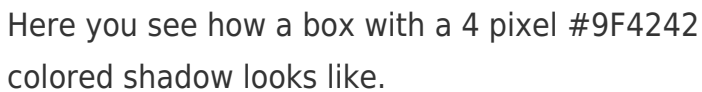
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F4242 }
```

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

```
.border{ border-color:#9F4242 }
```

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



Here you see how a box with a 4 pixel #9F4242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F4242; -webkit-box-shadow:4px 4px  
4px 4px #9F4242; box-shadow:4px 4px 4px  
4px #9F4242 }
```

Background

The CSS property to change the background color of an element to Hex 9F4242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F4242 }
```

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

```
.background{ background-color:#9F4242 }
```

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