

Converting Colors

Hex(9F4236)

Have a look what the booklet for
Hex(9F4236) contains.

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Color

Hex(9F4236)

Conversions

Conversions Part 1

Format	Color
Hex	9F4236
RGB	159, 66, 54
RGB Percent	62%, 26%, 21%
CMY	0.3765, 0.7412, 0.7882
CMYK	0.00, 0.58, 0.66, 0.38
HSL	7°, 49%, 42%
HSV	7°, 66%, 62%
XYZ	16.9121, 11.5337, 4.8249
YIQ	92.4390, 59.2800, 15.9840

Conversions

Conversions Part 2

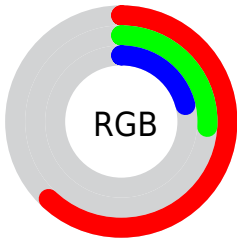
Format	Color
RYB	159, 68, 54
Decimal	10437174
CIELab	40.47, 37.84, 26.58
CIELCh	40, 46.244, 35.084
Yxy	11.5337, 0.5083, 0.3467
Android (android.graphics.Color)	4288627254 (0xFF9F4236)
YUV	92.4390, -18.9504, 58.3740
Hunter-Lab	33.9613, 29.4577, 15.3496

Details

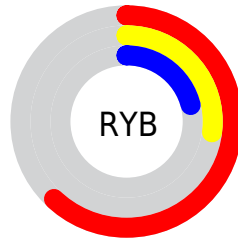
The Hex color **9F4236** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **36939F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **DA7565**, and **660D0B** is the 20% darker color. If you saturate the color by 10%, you get **9F3426**, and if you desaturate by 10%, it is **9F5046**.

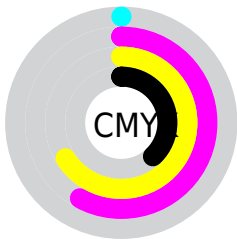
Distribution



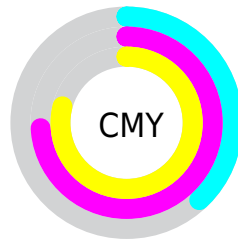
- Red (62%)
- Green (26%)
- Blue (21%)



- Red (62%)
- Yellow (27%)
- Blue (21%)



- Cyan (0%)
- Magenta (58%)
- Yellow (66%)
- Black (38%)



- Cyan (38%)
- Magenta (74%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F4236 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 9F4236 by changing the saturation by 10% instead.

 9F4236

 9F4236

FFFFFF

 822920

 DA7565

 660D0B

 F9907E

 4A0000

 FFAB98

 310001

 FFC7B3

 000000

 FFE3CF

 FFFFEB

 9F4236

 9F4236

 9F3426

 9F5046

 9F2616

 9F5E56

 9F1806

 9F6C66

 9F1200

 9F7A76

 9F8886

 9F9695

 9FA5A5

 9FB3B5

 9FC1C5

Harmonies

Analogous

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



A33A5A



9F4236



8B5217

Triad

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



9F4236



006F3E



0062AB

Complementary

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



9F4236



36939F

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.



006CA4



9F4236



007165

Square

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



9F4236



45691B



00708A



68529E

Rectangle

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



9F4236



785B08



00708A



0066AB

Sweetspot

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



9F4236



CFAAA5



9F3695



69524F



E8E8E8



696969

Same Dimension

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



9F4236



CF3E2B



9F7536



4F4847



8F1000



0F0200

Inverse Universe

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



36939F



2BBCCF



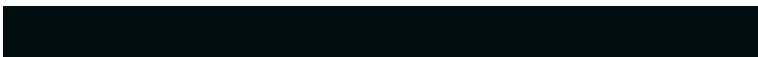
36609F



474E4F



007E8F



000E0F

Previews

White Background



This preview shows how the Hex color 9F4236 looks on a white background.

Color Contrast Check

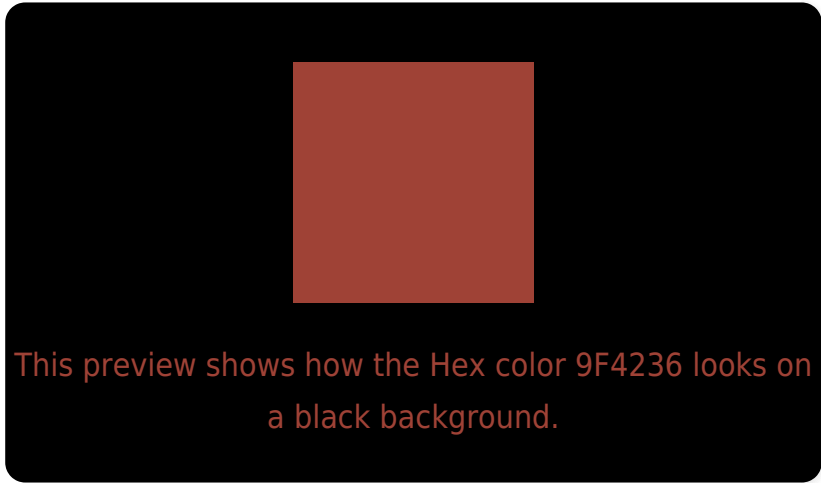
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F4236 Background



This preview shows how black text looks on a background with the Hex color 9F4236.



This preview shows how white text looks on a background with the Hex color 9F4236.

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





Tritanopia
A04044

Trichromacy



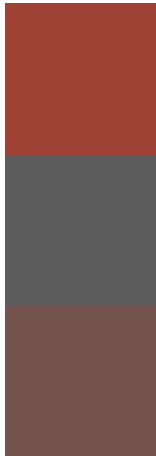
Original Color
9F4236

Protanomaly
7C553D

Deuteranomaly
855333

Tritanomaly
A0413F

Monochromacy



Original Color
9F4236

Achromatopsia
5C5C5C

Achromatomaly
74534E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F4236 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 #9F4236 looks like.

```
.text, #text, p{  
    color:#9F4236  
}
```

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 #9F4236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F4236
}
```

Border

The CSS property to change the border of an element to Hex 9F4236 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".

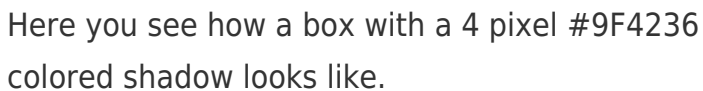
```
.border, #border, table{ border:4px solid
#9F4236 }
```

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

```
.border{ border-color:#9F4236 }
```

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

Here you see how a box with a 4 pixel #9F4236 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F4236; -webkit-box-shadow:4px 4px  
4px 4px #9F4236; box-shadow:4px 4px 4px  
4px #9F4236 }
```

Background

The CSS property to change the background color of an element to Hex 9F4236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F4236 }
```

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

```
.background{ background-color:#9F4236 }
```

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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