

Converting Colors

Hex(9F6566)

Have a look what the booklet for
Hex(9F6566) contains.

Hex(9F6566)	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(9F6566)

Conversions

Conversions Part 1

Format	Color
Hex	9F6566
RGB	159, 101, 102
RGB Percent	62%, 40%, 40%
CMY	0.3765, 0.6039, 0.6000
CMYK	0.00, 0.36, 0.36, 0.38
HSL	359°, 23%, 51%
HSV	359°, 36%, 62%
XYZ	21.3500, 17.6376, 14.8495
YIQ	118.4560, 34.2470, 12.6070

Conversions

Conversions Part 2

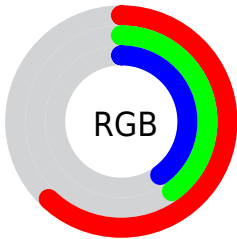
Format	Color
R _Y B	159, 101, 102
Decimal	10446182
CIE Lab	49.05, 23.54, 9.21
CIE LCh	49, 25.277, 21.378
Yxy	17.6376, 0.3966, 0.3276
Android (android.graphics.Color)	4288636262 (0xFF9F6566)
YUV	118.4560, -8.1128, 35.5571
Hunter-Lab	41.9971, 17.2488, 8.4340

Details

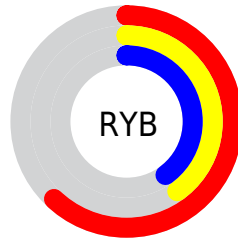
The Hex color **9F6566** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **659F9E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D79999**, and **693537** is the 20% darker color. If you saturate the color by 10%, you get **9F5556**, and if you desaturate by 10%, it is **9F7576**.

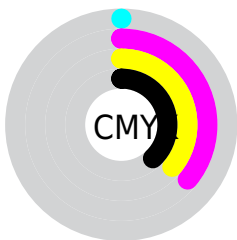
Distribution



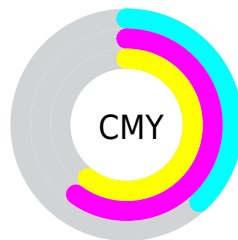
- Red (62%)
- Green (40%)
- Blue (40%)



- Red (62%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (36%)
- Yellow (36%)
- Black (38%)



- Cyan (38%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F6566 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 9F6566 by changing the saturation by 10% instead.



9F6566



9F6566

FFFFFF



844D4E



D79999



693537



F4B4B4



501E22



FFCFCF



37080C



FFECEB



210001



000000



9F6566



9F6566



9F5556



9F7576



9F4547



9F8585

 9F3537

 9F9595

 9F2527

 9FA5A5

 9F1518

 9FB5B4

 9F0608

 9FC4C4

 9F0003

 9FD4D3

 9FE4E3

 9FF4F3

Harmonies

Analogous

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



9A657C



9F6566



986A54

Triad

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



9F6566



5B7D59



4E789E

Complementary

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



9F6566



659F9E

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.



307E95



9F6566



41806D

Square

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



9F6566



74784C



2C8083



6F719C

Rectangle

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



9F6566



8F6F4C



2C8083



437A9D

Sweetspot

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



9F6566



CFB8B8



9D659F



695B5B



E8E8E8



696969

Same Dimension

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



9F6566



CF7475



9F8065



4F4747



8F0002



0F0000

Inverse Universe

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



9F6566



CF7475



65849F



4F4747



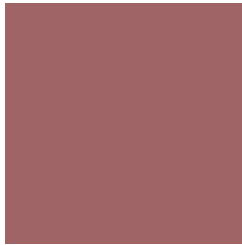
8F0002



0F0000

Previews

White Background



This preview shows how the Hex color 9F6566 looks on a white background.

Color Contrast Check

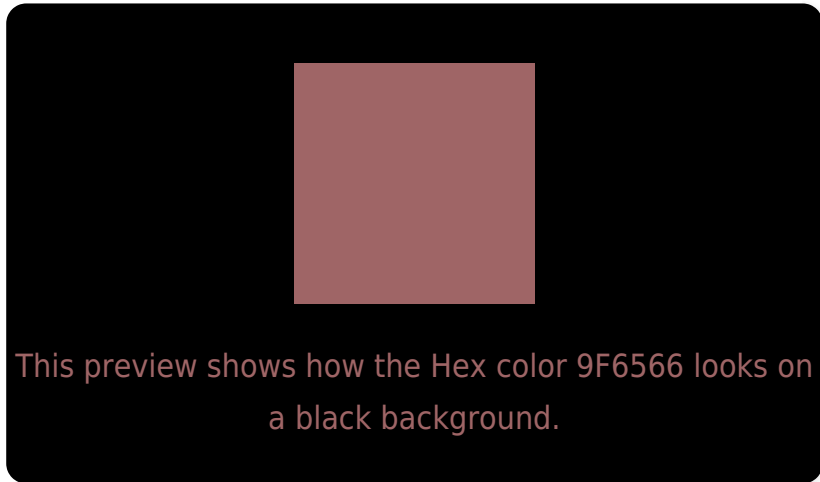
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 9F6566 Background



This preview shows how black text looks on a background with the Hex color 9F6566.



This preview shows how white text looks on a background with the Hex color 9F6566.

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
9F6566

Protanopia
79756E

Deuteranopia
867164



Tritanopia
A0646C

Trichromacy



Original Color
9F6566

Protanomaly
876F6B

Deuteranomaly
8F6D65

Tritanomaly
A0646A

Monochromacy



Original Color
9F6566

Achromatopsia
767676

Achromatomaly
857070

CSS Examples

Text

The CSS property to change the color of the text to Hex 9F6566 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 #9F6566 looks like.

```
.text, #text, p{  
    color:#9F6566  
}
```

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 #9F6566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F6566
}
```

Border

The CSS property to change the border of an element to Hex 9F6566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

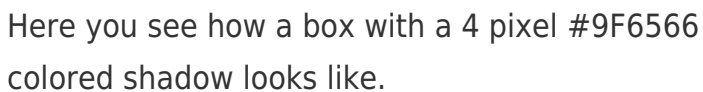
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F6566 }
```

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

```
.border{ border-color:#9F6566 }
```

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



Here you see how a box with a 4 pixel #9F6566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F6566; -webkit-box-shadow:4px 4px  
4px 4px #9F6566; box-shadow:4px 4px 4px  
4px #9F6566 }
```

Background

The CSS property to change the background color of an element to Hex 9F6566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F6566 }
```

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

```
.background{ background-color:#9F6566 }
```

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