

Converting Colors

Hex(9B564F)

Have a look what the booklet for
Hex(9B564F) contains.

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Color

Hex(9B564F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9B564F |
| RGB | 155, 86, 79 |
| RGB Percent | 61%, 34%, 31% |
| CMY | 0.3922, 0.6627, 0.6902 |
| CMYK | 0.00, 0.45, 0.49, 0.39 |
| HSL | 6°, 32%, 46% |
| HSV | 6°, 49%, 61% |
| XYZ | 18.2566, 14.1887, 9.1736 |
| YIQ | 105.8330, 43.3710, 12.4510 |

Conversions

Conversions Part 2

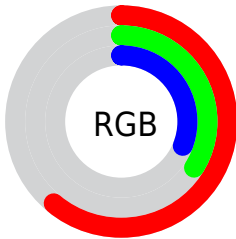
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 155, 87, 79 |
| Decimal | 10180175 |
| CIELab | 44.50, 27.70, 16.64 |
| CIElCh | 45, 32.316, 30.985 |
| Yxy | 14.1887, 0.4387, 0.3409 |
| Android (android.graphics.Color) | 4288370255 (0xFF9B564F) |
| YUV | 105.8330, -13.2287, 43.1195 |
| Hunter-Lab | 37.6678, 20.5957, 11.9280 |

Details

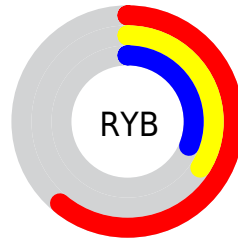
The Hex color **9B564F** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **4F949B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D48980**, and **642623** is the 20% darker color. If you saturate the color by 10%, you get **9B4840**, and if you desaturate by 10%, it is **9B645F**.

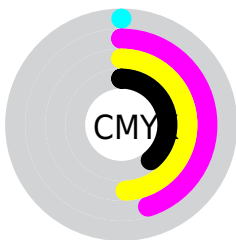
Distribution



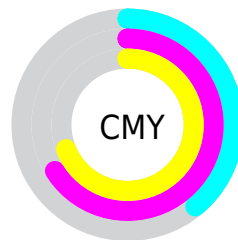
- Red (61%)
- Green (34%)
- Blue (31%)



- Red (61%)
- Yellow (34%)
- Blue (31%)



- Cyan (0%)
- Magenta (45%)
- Yellow (49%)
- Black (39%)



- Cyan (39%)
- Magenta (66%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B564F 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 9B564F by changing the saturation by 10% instead.

 9B564F

 9B564F

FFFFFF

 7F3E38

 D48980

 642623

 F1A49A

 4A0F0D

 FFFBF5

 310000

 FFDBD1

 0A0000

 FFF8ED

 000000

 9B564F

 9B564F

 9B4840

 9B645F

 9B3A30

 9B726E

 9B2C21

 9B807E

 9B1E11

 9B8E8D

 9B1001

 9B9C9D

 9B0E00

 9BAAAC

 9BB9BB

 9BC7CB

 9BD5DB

Harmonies

Analogous

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



9B5369



9B564F



8F5E3B

Triad

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



9B564F



3B754E



3E6C9F

Complementary

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



9B564F



4F949B

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.



007398



9B564F



007769

Square

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



9B564F



5D703A



007784



6D6297

Rectangle

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



9B564F



816533



007784



296E9E

Sweetspot

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



9B564F



C9AEAB



9B4F95



665554



E6E6E6



666666

Same Dimension

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



9B564F



C95E53



9B7B4F



4D4645



8C0D00



0D0100

Inverse Universe

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



4F949B



53BFC9



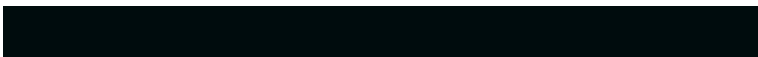
4F6F9B



454C4D



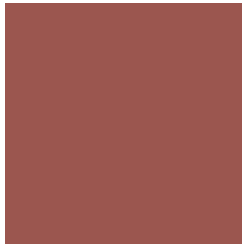
007F8C



000C0D

Previews

White Background



This preview shows how the Hex color 9B564F looks on a white background.

Color Contrast Check

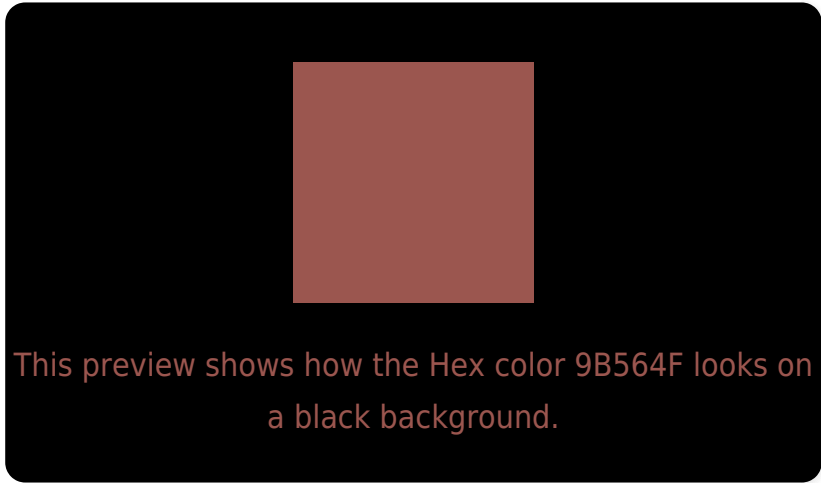
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B564F Background



This preview shows how black text looks on a background with the Hex color 9B564F.



This preview shows how white text looks on a background with the Hex color 9B564F.

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
9B564F

Protanopia
706A58

Deuteranopia
7D654C



Tritanopia
9C545A

Trichromacy



Original Color
9B564F

Protanomaly
806355

Deuteranomaly
88604D

Tritanomaly
9C5556

Monochromacy



Original Color
9B564F

Achromatopsia
6A6A6A

Achromatomaly
7C6360

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B564F 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 #9B564F looks like.

```
.text, #text, p{  
    color:#9B564F  
}
```

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 #9B564F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B564F
}
```

Border

The CSS property to change the border of an element to Hex 9B564F is called "border". The border property can be set on classes, ids or directly on the HTML element.

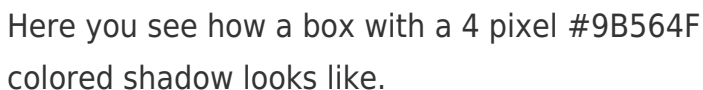
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B564F }
```

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

```
.border{ border-color:#9B564F }
```

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



Here you see how a box with a 4 pixel #9B564F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B564F; -webkit-box-shadow:4px 4px  
4px 4px #9B564F; box-shadow:4px 4px 4px  
4px #9B564F }
```

Background

The CSS property to change the background color of an element to Hex 9B564F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B564F }
```

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

```
.background{ background-color:#9B564F }
```

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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