

Converting Colors

Hex(9A4865)

Have a look what the booklet for
Hex(9A4865) contains.

Hex(9A4865)	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(9A4865)

Conversions

Conversions Part 1

Format	Color
Hex	9A4865
RGB	154, 72, 101
RGB Percent	60%, 28%, 40%
CMY	0.3961, 0.7176, 0.6039
CMYK	0.00, 0.53, 0.34, 0.40
HSL	339°, 36%, 44%
HSV	339°, 53%, 60%
XYZ	17.9928, 12.4443, 13.7656
YIQ	99.8240, 39.5630, 26.4030

Conversions

Conversions Part 2

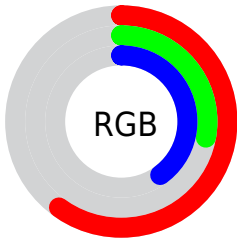
Format	Color
RYB	154, 72, 101
Decimal	10111077
CIELab	41.91, 37.46, -0.53
CIELCh	42, 37.469, 359.194
Yxy	12.4443, 0.4071, 0.2815
Android (android.graphics.Color)	4288301157 (0xFF9A4865)
YUV	99.8240, 0.5798, 47.5124
Hunter-Lab	35.2765, 29.3098, 1.5575

Details

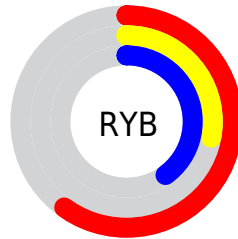
The Hex color **9A4865** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **489A7D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **D37B98**, and **641536** is the 20% darker color. If you saturate the color by 10%, you get **9A395B**, and if you desaturate by 10%, it is **9A576F**.

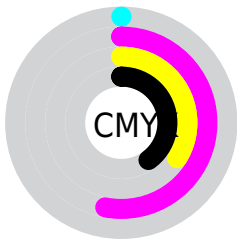
Distribution



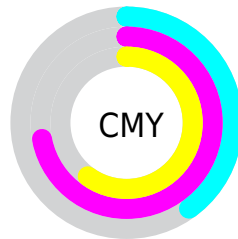
- Red (60%)
- Green (28%)
- Blue (40%)



- Red (60%)
- Yellow (28%)
- Blue (40%)



- Cyan (0%)
- Magenta (53%)
- Yellow (34%)
- Black (40%)



- Cyan (40%)
- Magenta (72%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A4865 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 9A4865 by changing the saturation by 10% instead.

 9A4865

 9A4865

FFFFFF

 7F2F4D

 D37B98

 641536

 F096B3

 4A0021

 FFB1CE

 33000A

 FFCDEA

 070000

 FFEAFF

 000000

 9A4865

 9A4865

 9A395B

 9A576F

 9A2951

 9A6779

 9A1A47

 9A7683

 9A0A3D

 9A868D

 9A0036

 9A9597

 9AA4A1

 9AB4AB

 9AC3B5

 9AD3BF

Harmonies

Analogous

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



884F83



9A4865



9B4B47

Triad

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



9A4865



566A2A



006E97

Complementary

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



9A4865



489A7D

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.



007280



9A4865



2D7042

Square

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



9A4865



756122



007261



1F66A0

Rectangle

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



9A4865



935235



007261



007091

Sweetspot

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



9A4865



C9A9B5



7C489A



665359



E6E6E6



666666

Same Dimension

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



9A4865



C94976



9A5348



4D4548



8C0032



0D0005

Inverse Universe

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



9A4865



C94976



488F9A



4D4548



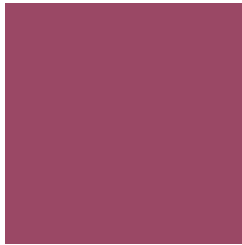
8C0032



0D0005

Previews

White Background



This preview shows how the Hex color 9A4865 looks on a white background.

Color Contrast Check

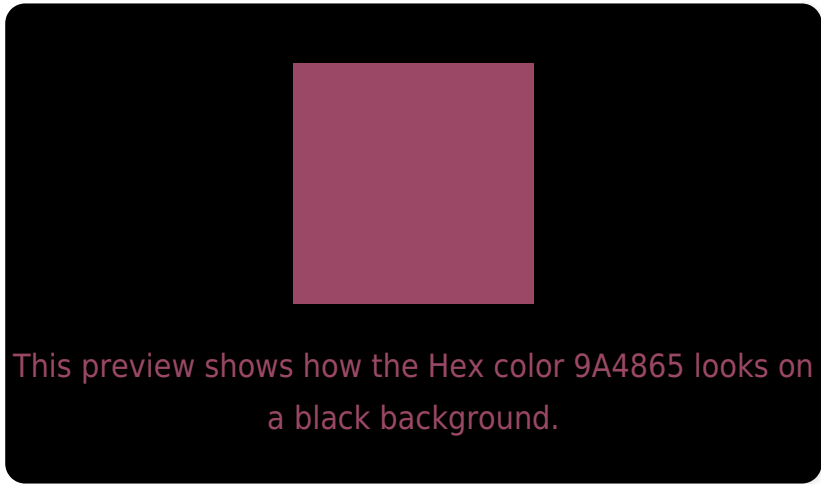
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A4865 Background



This preview shows how black text looks on a background with the Hex color 9A4865.



This preview shows how white text looks on a background with the Hex color 9A4865.

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
9A4865

Protanopia
606375

Deuteranopia
6E6061



Tritanopia
984C51

Trichromacy



Original Color
9A4865

Protanomaly
75596F

Deuteranomaly
7E5762

Tritanomaly
994B58

Monochromacy



Original Color
9A4865

Achromatopsia
646464

Achromatomaly
785A64

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A4865 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 #9A4865 looks like.

```
.text, #text, p{  
    color:#9A4865  
}
```

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 #9A4865 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A4865
}
```

Border

The CSS property to change the border of an element to Hex 9A4865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

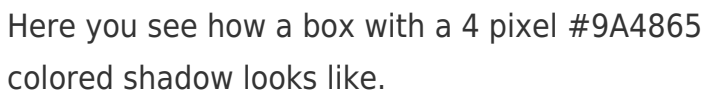
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A4865 }
```

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

```
.border{ border-color:#9A4865 }
```

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



Here you see how a box with a 4 pixel #9A4865 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A4865; -webkit-box-shadow:4px 4px  
4px 4px #9A4865; box-shadow:4px 4px 4px  
4px #9A4865 }
```

Background

The CSS property to change the background color of an element to Hex 9A4865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A4865 }
```

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

```
.background{ background-color:#9A4865 }
```

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