

Converting Colors

Hex(C94A74)

Have a look what the booklet for
Hex(C94A74) contains.

Hex(C94A74)	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(C94A74)

Conversions

Conversions Part 1

Format	Color
Hex	C94A74
RGB	201, 74, 116
RGB Percent	79%, 29%, 45%
CMY	0.2118, 0.7098, 0.5451
CMYK	0.00, 0.63, 0.42, 0.21
HSL	340°, 54%, 54%
HSV	340°, 63%, 79%
XYZ	29.6886, 18.5760, 18.5438
YIQ	116.7610, 62.2100, 39.9860

Conversions

Conversions Part 2

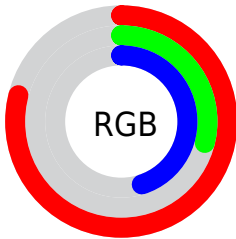
Format	Color
R_{YB}	201, 74, 116
Decimal	13191796
CIE _{Lab}	50.19, 53.96, 3.26
CIE _{LCh}	50, 54.058, 3.453
Yxy	18.5760, 0.4444, 0.2780
Android (android.graphics.Color)	4291381876 (0xFFC94A74)
YUV	116.7610, -0.3752, 73.8776
Hunter-Lab	43.0999, 47.5315, 4.6604

Details

The Hex color **C94A74** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **4AC99F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF81A8**, and **8E0544** is the 20% darker color. If you saturate the color by 10%, you get **C93667**, and if you desaturate by 10%, it is **C95E81**.

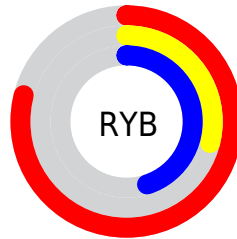
Distribution



Red (79%)

Green (29%)

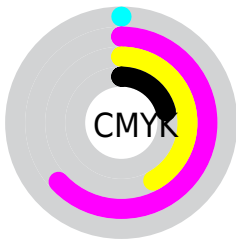
Blue (45%)



Red (79%)

Yellow (29%)

Blue (45%)

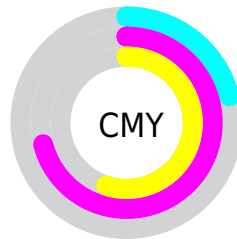


Cyan (0%)

Magenta (63%)

Yellow (42%)

Black (21%)



Cyan (21%)

Magenta (71%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color C94A74 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 C94A74 by changing the saturation by 10% instead.

 C94A74

 C94A74

FFFFFF

 AB2D5C

 FF81A8

 8E0544

 FF9DC3

 72002E

 FFB9DF

 55001A

 FFD6FB

 3D0003

 FFF3FF

 180001

 000000

 C94A74

 C94A74

 C93667

 C95E81

 C92259

 C9728F

 C90E4C

 C9869C

 C90042

 C99AAA

 C9AFB7

 C9C3C5

 C9D7D2

 C9EBE0

 C9FFED

Harmonies

Analogous

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



B354A1



C94A74



C65347

Triad

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



C94A74



5A8323



0087C9

Complementary

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



C94A74



4AC99F

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.



008CA9



C94A74



008A4C

Square

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



C94A74



8A770A



008D7C



007BD4

Rectangle

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



C94A74



B85F2D



008D7C



0089C1

Sweetspot

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



C94A74



FFCFDF



9F4AC9



80626C



000000



808080

Same Dimension

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



C94A74



FF3D7D



C95F4A



635A5D



A30036



24000C

Inverse Universe

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



C94A74



FF3D7D



4AB4C9



635A5D



A30036



24000C

Previews

White Background



This preview shows how the Hex color C94A74 looks on a white background.

Color Contrast Check

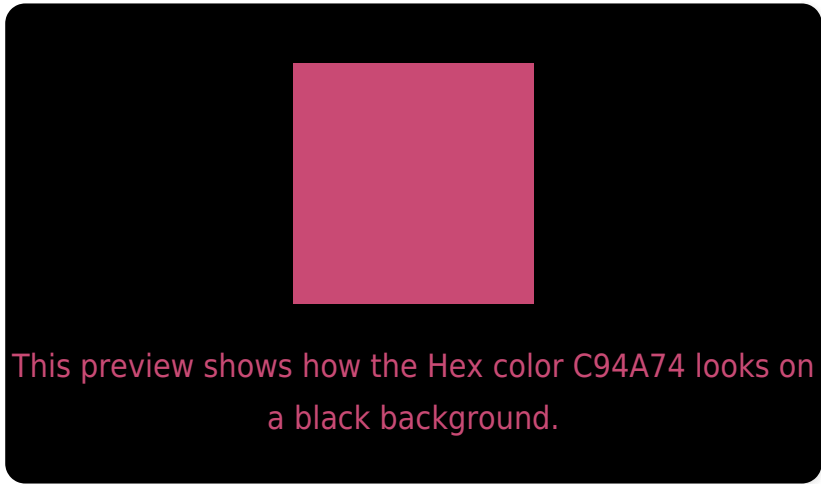
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 C94A74 Background



This preview shows how black text looks on a background with the Hex color C94A74.

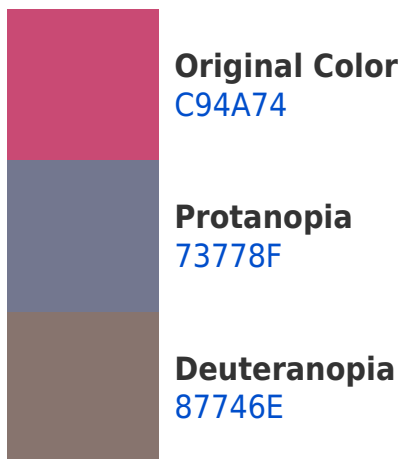


This preview shows how white text looks on a background with the Hex color C94A74.

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
C75055

Trichromacy



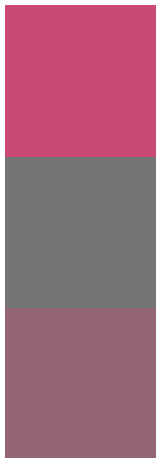
Original Color
C94A74

Protanomaly
926785

Deuteranomaly
9F6570

Tritanomaly
C84E60

Monochromacy



Original Color
C94A74

Achromatopsia
757575

Achromatomaly
946575

CSS Examples

Text

The CSS property to change the color of the text to Hex C94A74 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 #C94A74 looks like.

```
.text, #text, p{  
    color:#C94A74  
}
```

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 #C94A74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C94A74
}
```

Border

The CSS property to change the border of an element to Hex C94A74 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
#C94A74 }
```

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

```
.border{ border-color:#C94A74 }
```

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

Here you see how a box with a 4 pixel #C94A74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C94A74; -webkit-box-shadow:4px 4px  
4px 4px #C94A74; box-shadow:4px 4px 4px  
4px #C94A74 }
```

Background

The CSS property to change the background color of an element to Hex C94A74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C94A74 }
```

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

```
.background{ background-color:#C94A74 }
```

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