

# Converting Colors

Hex(BD94A5)

Have a look what the booklet for  
Hex(BD94A5) contains.

<b>Hex(BD94A5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(BD94A5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD94A5
RGB	189, 148, 165
RGB Percent	74%, 58%, 65%
CMY	0.2588, 0.4196, 0.3529
CMYK	0.00, 0.22, 0.13, 0.26
HSL	335°, 24%, 66%
HSV	335°, 22%, 74%
XYZ	38.3677, 34.7152, 40.2758
YIQ	162.1970, 18.9790, 13.9790

# Conversions

## Conversions Part 2

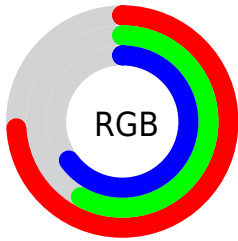
Format	Color
<a href="#">RYB</a>	<a href="#">189, 148, 165</a>
Decimal	<a href="#">12424357</a>
CIELab	<a href="#">65.53, 18.12, -3.01</a>
CIELCh	<a href="#">66, 18.368, 350.582</a>
Yxy	<a href="#">34.7152, 0.3385, 0.3062</a>
Android (android.graphics.Color)	<a href="#">4290614437</a> ( <a href="#">0xFFBD94A5</a> )
YUV	<a href="#">162.1970, 1.3819, 23.5062</a>
Hunter-Lab	<a href="#">58.9196, 13.1275, 0.7148</a>

# Details

The Hex color **BD94A5** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **94BDAC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **F6CADC**, and **876171** is the 20% darker color. If you saturate the color by 10%, you get **BD819A**, and if you desaturate by 10%, it is **BDA7B0**.

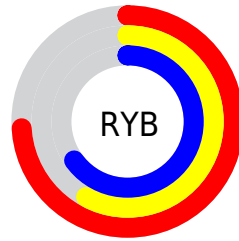
# Distribution



Red (74%)

Green (58%)

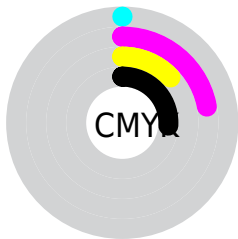
Blue (65%)



Red (74%)

Yellow (58%)

Blue (65%)

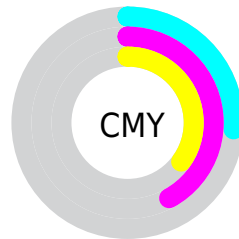


Cyan (0%)

Magenta (22%)

Yellow (13%)

Black (26%)



Cyan (26%)

Magenta (42%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD94A5 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 BD94A5 by changing the saturation by 10% instead.



 BD94A5

 BD94A5

FFFFFF

 A27A8B

 F6CADC

 876171

 FFE6F8

 6D4959

 553241

 3D1C2B

 270617

 000000

 BD94A5

 BD94A5

 BD819A

 BDA7B0

 BD6E8F

 BDBABB

 BD5B84

 BDCDC6

 BD4879

 BDE0D1

 BD356E

 BDF3DC

 BD2363

 BDFFE7

 BD1058

 BDFFF2

 BD004E

 BDFFFE

 BDFFFF

# Harmonies

## Analogous

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



AF97B4



BD94A5



C29494

# Triad

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



BD94A5



A0A280



76A6B8

# Complementary

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



BD94A5



94BDAC

# 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.



73A8AA



BD94A5



8DA68A

# Square

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



BD94A5



B19C7F



7CA899



86A2BF

# Rectangle

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



BD94A5



BF968A



7CA899



73A7B4



# Sweetspot

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



BD94A5



F5E4EB



AC94BD



7A7175



FAFAFA



7A7A7A



# Same Dimension

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



BD94A5



F5B5D0



BD9794



5E5559



9E0042



1F000D



# Inverse Universe

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



BD94A5



F5B5D0



94BABD



5E5559



9E0042

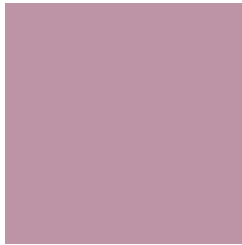


1F000D



# Previews

## White Background



This preview shows how the Hex color BD94A5 looks on a white background.

## Color Contrast Check

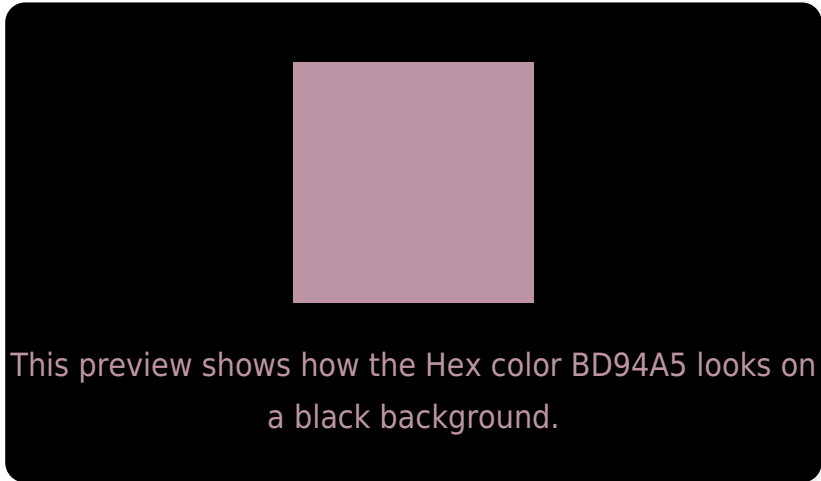
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex BD94A5 Background



This preview shows how black text looks on a background with the Hex color BD94A5.

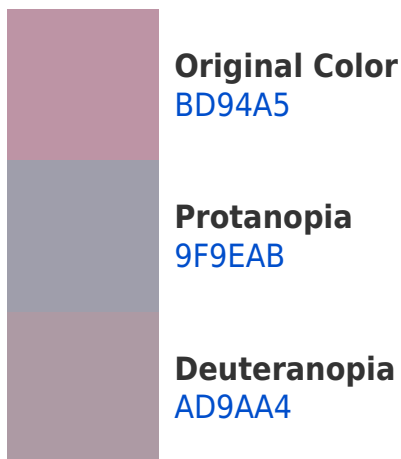


This preview shows how white text looks on a background with the Hex color BD94A5.

# 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**  
BC95A0

# Trichromacy



**Original Color**  
BD94A5

**Protanomaly**  
AA9AA9

**Deuteranomaly**  
B398A4

**Tritanomaly**  
BC95A2

# Monochromacy



**Original Color**  
BD94A5

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
AC9DA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD94A5 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 #BD94A5 looks like.

```
.text, #text, p{  
    color:#BD94A5  
}
```

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 #BD94A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD94A5
}
```

## Border

The CSS property to change the border of an element to Hex BD94A5 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
#BD94A5 }
```

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

```
.border{ border-color:#BD94A5 }
```

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

Here you see how a box with a 4 pixel #BD94A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD94A5; -webkit-box-shadow:4px 4px  
4px 4px #BD94A5; box-shadow:4px 4px 4px  
4px #BD94A5 }
```

# Background

The CSS property to change the background color of an element to Hex BD94A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD94A5 }
```

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

```
.background{ background-color:#BD94A5 }
```

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