

# Converting Colors

Hex(B495AA)

Have a look what the booklet for  
Hex(B495AA) contains.

<b>Hex(B495AA)</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(B495AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B495AA
RGB	180, 149, 170
RGB Percent	71%, 58%, 67%
CMY	0.2941, 0.4157, 0.3333
CMYK	0.00, 0.17, 0.06, 0.29
HSL	319°, 17%, 65%
HSV	319°, 17%, 71%
XYZ	36.8255, 34.1005, 42.6713
YIQ	160.6630, 11.7350, 13.1030

# Conversions

## Conversions Part 2

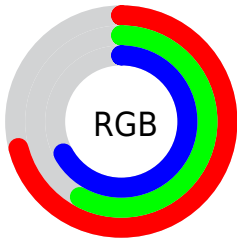
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 149, 170
Decimal	11834794
CIE <sub>Lab</sub>	65.04, 15.19, -6.63
CIE <sub>LCh</sub>	65, 16.573, 336.411
Yxy	34.1005, 0.3242, 0.3002
Android (android.graphics.Color)	4290024874 (0xFFB495AA)
YUV	160.6630, 4.6031, 16.9585
Hunter-Lab	58.3956, 10.3737, -2.4480

# Details

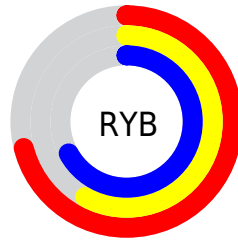
The Hex color **B495AA** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **95B49F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **ECCBE1**, and **7F6276** is the 20% darker color. If you saturate the color by 10%, you get **B483A4**, and if you desaturate by 10%, it is **B4A7B0**.

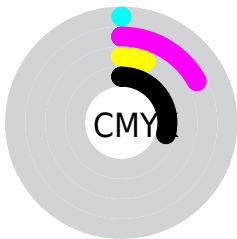
# Distribution



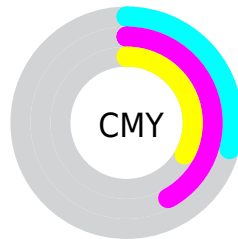
- Red (71%)
- Green (58%)
- Blue (67%)



- Red (71%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (29%)



- Cyan (29%)
- Magenta (42%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B495AA 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 B495AA by changing the saturation by 10% instead.



 B495AA

 B495AA

FFFFFF

 997B90

 ECCBE1

 7F6276

 FFE7FE

 664A5D

 4D3346

 361E2F

 21071B

 000000

 B495AA

 B495AA

 B483A4

 B4A7B0

 B4719E

 B4B9B6

 B45F99

 B4CBBB

 B44D93

 B4DDC1

 B43B8D

 B4EFC7

 B42987

 B4FFCD

 B41781

 B4FFD3

 B4057C

 B4FFD8

 B4007A

 B4FFDE

# Harmonies

## Analogous

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



A599B6



B495AA



BC939B

# Triad

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



B495AA



A69E80



77A6AF

# Complementary

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



B495AA



95B49F

# 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.



79A7A1



B495AA



96A286

# Square

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



B495AA



B49983



85A592



80A3B9

# Rectangle

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



B495AA



BD9491



85A592



76A6AA



# Sweetspot

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



B495AA



EBDFE7



9F95B4



756E73



F5F5F5



757575



# Same Dimension

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



B495AA



EBB9DB



B4959B



595056



990068



1A0011



# Inverse Universe

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



B495AA



EBB9DB



95B4AE



595056



990068



1A0011



# Previews

## White Background



This preview shows how the Hex color B495AA looks on a white background.

## Color Contrast Check

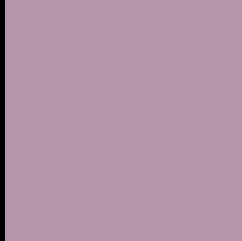
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B495AA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

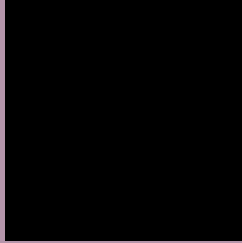
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B495AA Background



This preview shows how black text looks on a background with the Hex color B495AA.



This preview shows how white text looks on a background with the Hex color B495AA.

# 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**  
B495AA

**Protanopia**  
9C9DAF

**Deuteranopia**  
A899A9



**Tritanopia**  
B396A2

# Trichromacy



**Original Color**

B495AA

**Protanomaly**

A59AAD

**Deuteranomaly**

AC98A9

**Tritanomaly**

B396A5

# Monochromacy



**Original Color**

B495AA

**Achromatopsia**

A1A1A1

**Achromatomaly**

A89DA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B495AA 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 #B495AA looks like.

```
.text, #text, p{  
    color:#B495AA  
}
```

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 #B495AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B495AA
}
```

## Border

The CSS property to change the border of an element to Hex B495AA 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
#B495AA }
```

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

```
.border{ border-color:#B495AA }
```

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

Here you see how a box with a 4 pixel #B495AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B495AA; -webkit-box-shadow:4px 4px  
4px 4px #B495AA; box-shadow:4px 4px 4px  
4px #B495AA }
```

# Background

The CSS property to change the background color of an element to Hex B495AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B495AA }
```

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

```
.background{ background-color:#B495AA }
```

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