

Converting Colors

Hex(B795B5)

Have a look what the booklet for
Hex(B795B5) contains.

Hex(B795B5)	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(B795B5)

Conversions

Conversions Part 1

Format	Color
Hex	B795B5
RGB	183, 149, 181
RGB Percent	72%, 58%, 71%
CMY	0.2824, 0.4157, 0.2902
CMYK	0.00, 0.19, 0.01, 0.28
HSL	304°, 19%, 65%
HSV	304°, 19%, 72%
XYZ	38.6164, 34.8984, 48.4168
YIQ	162.8140, 9.9920, 17.1600

Conversions

Conversions Part 2

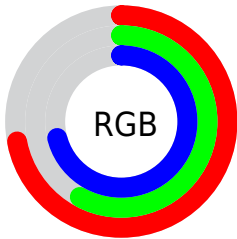
Format	Color
R _Y B	183, 149, 181
Decimal	12031413
CIE Lab	65.67, 18.30, -11.84
CIE LCh	66, 21.799, 327.086
Yxy	34.8984, 0.3167, 0.2862
Android (android.graphics.Color)	4290221493 (0xFFB795B5)
YUV	162.8140, 8.9657, 17.7031
Hunter-Lab	59.0748, 13.3019, -7.2408

Details

The Hex color **B795B5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **95B797**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **EFCBED**, and **826280** is the 20% darker color. If you saturate the color by 10%, you get **B783B4**, and if you desaturate by 10%, it is **B7A7B6**.

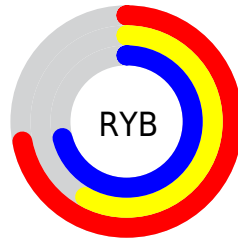
Distribution



Red (72%)

Green (58%)

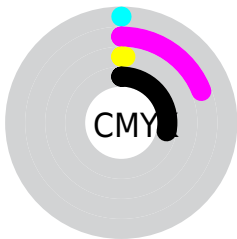
Blue (71%)



Red (72%)

Yellow (58%)

Blue (71%)

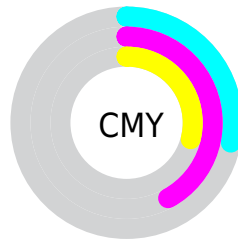


Cyan (0%)

Magenta (19%)

Yellow (1%)

Black (28%)



Cyan (28%)

Magenta (42%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color B795B5 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 B795B5 by changing the saturation by 10% instead.

 B795B5

 B795B5

FFFFFF

 9C7B9A

 EFCBED

 826280

 FFE7FF

 684A67

 50334F

 381D38

 230723

 00000B

 000000

 B795B5

 B795B5

 B783B4

 B7A7B6

 B770B3

 B7BAB7

 B75EB2

 B7CCB8

 B74CB1

 B7DEB9

 B73AB0

 B7F1BA

 B727AF

 B7FFBB

 B715AD

 B7FFBD

 B703AC

 B7FFBE

 B700AC

 B7FFBF

Harmonies

Analogous

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



A09BC2



B795B5



C592A2

Triad

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



B795B5



B09E79



68AAB1

Complementary

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



B795B5



95B797

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.



71AB9D



B795B5



9BA47C

Square

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



B795B5



C0977F



85A88A



6FA7C0

Rectangle

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



B795B5



C89295



85A88A



69ABAA

Sweetspot

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



B795B5



EDDFEC



9795B7



786F77



F7F7F7



787878

Same Dimension

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



B795B5



EDB9EA



B795A4



5C535B



9C0092



1C001A

Inverse Universe

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



B795B5



EDB9EA



95B7A8



5C535B



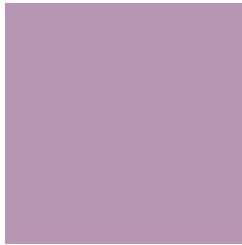
9C0092



1C001A

Previews

White Background



This preview shows how the Hex color B795B5 looks on a white background.

Color Contrast Check

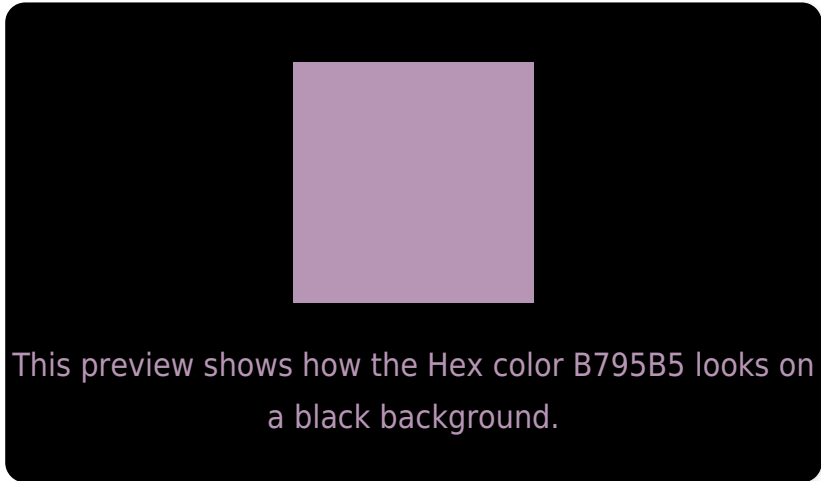
Large Text (above 18pt) WCAG AA × Fail

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

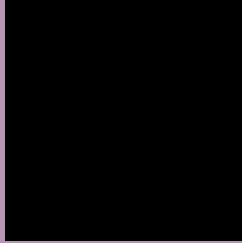
Any Text WCAG AA ✓ Pass

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 B795B5 Background



This preview shows how black text looks on a background with the Hex color B795B5.



This preview shows how white text looks on a background with the Hex color B795B5.

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
B795B5

Protanopia
9A9EBB

Deuteranopia
A69CB4



Tritanopia
B598A4

Trichromacy



Original Color
B795B5

Protanomaly
A59BB9

Deuteranomaly
AC99B4

Tritanomaly
B697AA

Monochromacy



Original Color
B795B5

Achromatopsia
A3A3A3

Achromatomaly
AA9EAA

CSS Examples

Text

The CSS property to change the color of the text to Hex B795B5 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 #B795B5 looks like.

```
.text, #text, p{  
    color:#B795B5  
}
```

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 #B795B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B795B5
}
```

Border

The CSS property to change the border of an element to Hex B795B5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

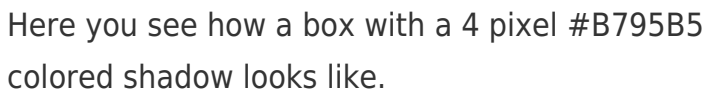
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B795B5 }
```

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

```
.border{ border-color:#B795B5 }
```

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



Here you see how a box with a 4 pixel #B795B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B795B5; -webkit-box-shadow:4px 4px  
4px 4px #B795B5; box-shadow:4px 4px 4px  
4px #B795B5 }
```

Background

The CSS property to change the background color of an element to Hex B795B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B795B5 }
```

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

```
.background{ background-color:#B795B5 }
```

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