

Converting Colors

Hex(B695DA)

Have a look what the booklet for
Hex(B695DA) contains.

Hex(B695DA)	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(B695DA)

Conversions

Conversions Part 1

Format	Color
Hex	B695DA
RGB	182, 149, 218
RGB Percent	71%, 58%, 85%
CMY	0.2863, 0.4157, 0.1451
CMYK	0.17, 0.32, 0.00, 0.15
HSL	269°, 48%, 72%
HSV	269°, 32%, 85%
XYZ	42.6937, 36.5019, 71.1250
YIQ	166.7330, -2.4810, 28.4550

Conversions

Conversions Part 2

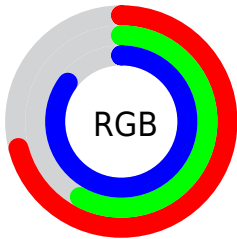
Format	Color
R_{YB}	182, 149, 218
Decimal	11965914
CIE _{Lab}	66.90, 25.59, -30.60
CIE _{LCh}	67, 39.889, 309.903
Yxy	36.5019, 0.2840, 0.2428
Android (android.graphics.Color)	4290155994 (0xFFB695DA)
YUV	166.7330, 25.2746, 13.3892
Hunter-Lab	60.4168, 20.4081, -27.5067

Details

The Hex color **B695DA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B9DA95**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **EFCBFF**, and **8062A3** is the 20% darker color. If you saturate the color by 10%, you get **AB7FDA**, and if you desaturate by 10%, it is **C1ABDA**.

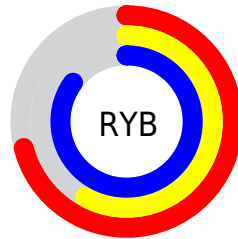
Distribution



Red (71%)

Green (58%)

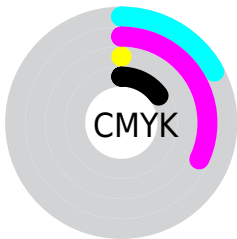
Blue (85%)



Red (71%)

Yellow (58%)

Blue (85%)

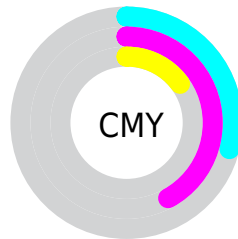


Cyan (17%)

Magenta (32%)

Yellow (0%)

Black (15%)



Cyan (29%)

Magenta (42%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B695DA 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 B695DA by changing the saturation by 10% instead.

 B695DA

 B695DA

FFFFFF

 9B7BBE

 EFCBFF

 8062A3

 FFE8FF

 664A88

 4D336F

 351D56

 1D073E

 000028

 000112

 000000

 B695DA

 B695DA

 AB7FDA

 C1ABDA

 9F69DA

 CDC1DA

 9454DA

 D8D6DA

 893EDA

 E3ECDA

 7D28DA

 EFFFDA

 7212DA

 FAFFDA

 6800DA

 FFFFDA

Harmonies

Analogous

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



81A2E9



B695DA



D98ABC

Triad

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



B695DA



CE9860



0BB6AE

Complementary

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



B695DA



B9DA95

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.



59B489



B695DA



AEA55B

Square

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



B695DA



E38C76



87AE6A



00B4D0

Rectangle

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



B695DA



E586A4



87AE6A



30B6A1

Sweetspot

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



B695DA



F3E8FF



95BADA



787180



000000



808080

Same Dimension

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



B695DA



CC9EFF



D895DA



68636E



5300AD



16002E

Inverse Universe

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



DA95B9



FF9ED1



97DA95



6E6368



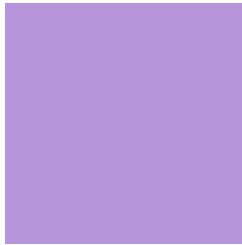
AD005A



2E0018

Previews

White Background



This preview shows how the Hex color B695DA 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

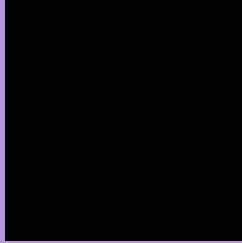
Any Text WCAG AA ✓ Pass

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 B695DA Background



This preview shows how black text looks on a background with the Hex color B695DA.

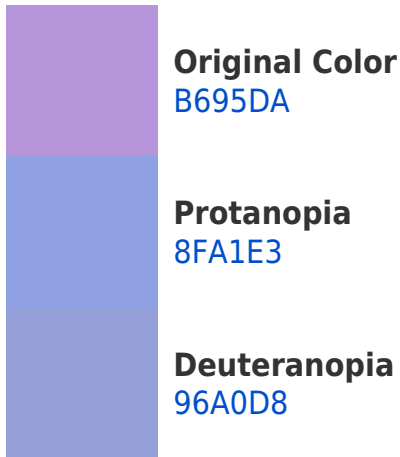


This preview shows how white text looks on a background with the Hex color B695DA.

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](#).

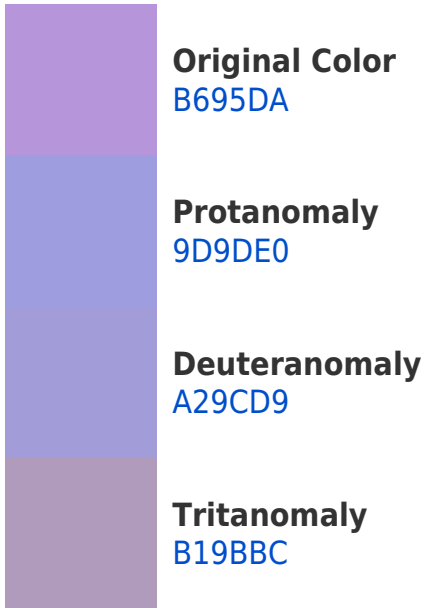
Dichromacy



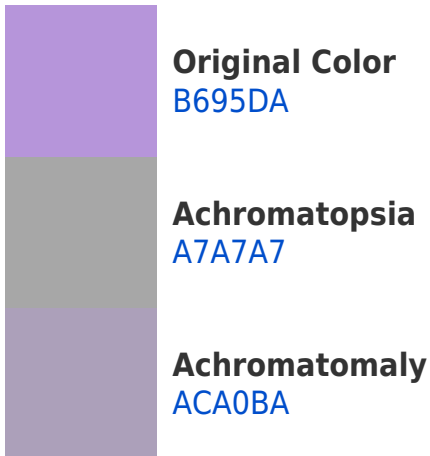


Tritanopia
AE9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B695DA 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 #B695DA looks like.

```
.text, #text, p{  
    color:#B695DA  
}
```

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 #B695DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B695DA
}
```

Border

The CSS property to change the border of an element to Hex B695DA 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
#B695DA }
```

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

```
.border{ border-color:#B695DA }
```

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

Here you see how a box with a 4 pixel #B695DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B695DA; -webkit-box-shadow:4px 4px  
4px 4px #B695DA; box-shadow:4px 4px 4px  
4px #B695DA }
```

Background

The CSS property to change the background color of an element to Hex B695DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B695DA }
```

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

```
.background{ background-color:#B695DA }
```

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