

# Converting Colors

Hex(B2699B)

Have a look what the booklet for  
Hex(B2699B) contains.

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**Color**

**Hex(B2699B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B2699B</a>
RGB	<a href="#">178, 105, 155</a>
RGB Percent	<a href="#">70%, 41%, 61%</a>
CMY	<a href="#">0.3020, 0.5882, 0.3922</a>
<a href="#">CMYK</a>	<a href="#">0.00, 0.41, 0.13, 0.30</a>
HSL	<a href="#">319°, 32%, 55%</a>
HSV	<a href="#">319°, 41%, 70%</a>
XYZ	<a href="#">29.3281, 21.9347, 33.6984</a>
YIQ	<a href="#">132.5270, 27.4580, 31.0260</a>

# Conversions

## Conversions Part 2

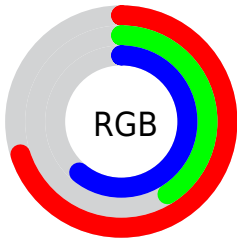
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 105, 155
Decimal	11692443
CIE <sub>Lab</sub>	53.96, 36.33, -14.67
CIE <sub>LCh</sub>	54, 39.179, 338.015
Yxy	21.9347, 0.3452, 0.2582
Android (android.graphics.Color)	4289882523 (0xFFB2699B)
YUV	132.5270, 11.0792, 39.8798
Hunter-Lab	46.8345, 29.8176, -9.8763

# Details

The Hex color **B2699B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **69B280**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **EB9ED2**, and **7C3768** is the 20% darker color. If you saturate the color by 10%, you get **B25795**, and if you desaturate by 10%, it is **B27BA1**.

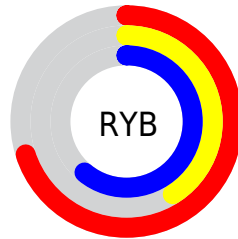
# Distribution



Red (70%)

Green (41%)

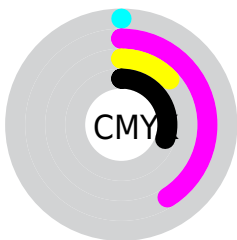
Blue (61%)



Red (70%)

Yellow (41%)

Blue (61%)

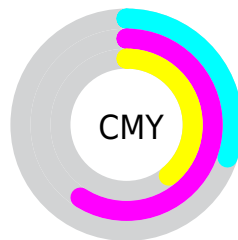


Cyan (0%)

Magenta (41%)

Yellow (13%)

Black (30%)



Cyan (30%)

Magenta (59%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2699B 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 B2699B by changing the saturation by 10% instead.



 B2699B

 B2699B

FFFFFF

 965081

 EB9ED2

 7C3768

 FFB9EE

 621E50

 FFD5FF

 480239

 FFF2FF

 310023

 13000B

 000000

 B2699B

 B2699B

 B25795

 B27BA1

 B24590

 B28DA6

 B2348A

 B29EAC

 B22285

 B2B0B1

 B2107F

 B2C2B7

 B2007A

 B2D4BD

 B2E6C2

 B2F7C8

 B2FFCD

# Harmonies

## Analogous

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



9075B6



B2699B



C16579

# Triad

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



B2699B



8D823C



0091AA

# Complementary

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



B2699B



69B280

# 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.



009289



B2699B



688B4A

# Square

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



B2699B



AA7642



3A9067



008BBF

# Rectangle

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



B2699B



C06863



3A9067



0092A0



# Sweetspot

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



B2699B



E8CCDF



7F69B2



756570



F5F5F5



757575



# Same Dimension

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



B2699B



E876C4



B26978



595056



990069



1A0011



# Inverse Universe

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



B2699B



E876C4



69B2A3



595056



990069



1A0011



# Previews

## White Background



This preview shows how the Hex color B2699B looks on a white background.

## Color Contrast Check

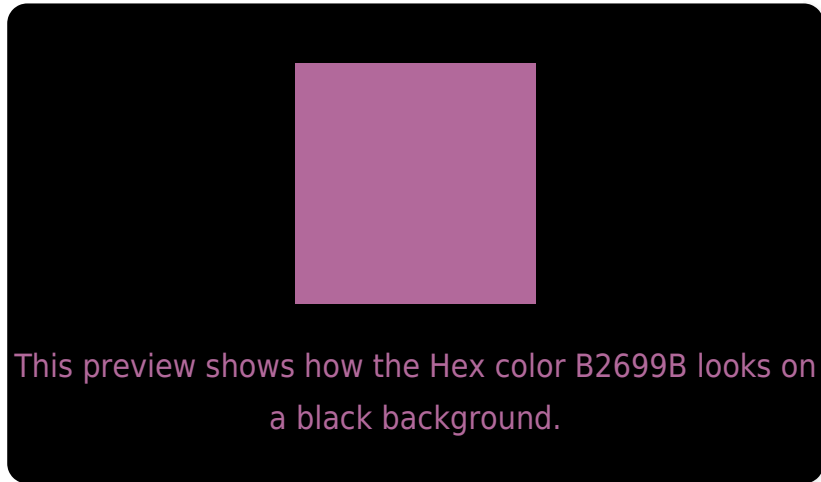
Large Text (above 18pt) WCAG AA ✓ Pass

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

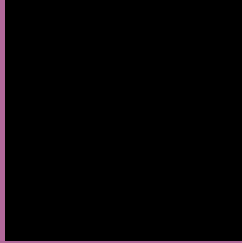
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B2699B Background



This preview shows how black text looks on a background with the Hex color B2699B.

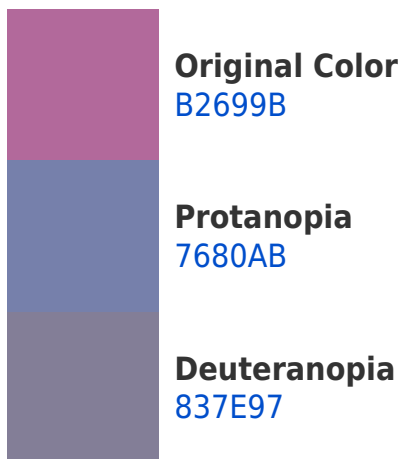


This preview shows how white text looks on a background with the Hex color B2699B.

# 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**  
AE7078

# Trichromacy



**Original Color**  
B2699B

**Protanomaly**  
8C78A5

**Deuteranomaly**  
947698

**Tritanomaly**  
AF6D85

# Monochromacy



**Original Color**  
B2699B

**Achromatopsia**  
858585

**Achromatomaly**  
957B8D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2699B 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 #B2699B looks like.

```
.text, #text, p{  
    color:#B2699B  
}
```

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 #B2699B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2699B
}
```

## Border

The CSS property to change the border of an element to Hex B2699B 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
#B2699B }
```

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

```
.border{ border-color:#B2699B }
```

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

Here you see how a box with a 4 pixel #B2699B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2699B; -webkit-box-shadow:4px 4px  
4px 4px #B2699B; box-shadow:4px 4px 4px  
4px #B2699B }
```

# Background

The CSS property to change the background color of an element to Hex B2699B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2699B }
```

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

```
.background{ background-color:#B2699B }
```

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](#).



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