

# Converting Colors

Hex(B2879B)

Have a look what the booklet for  
Hex(B2879B) contains.

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# **Color**

**Hex(B2879B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2879B
RGB	178, 135, 155
RGB Percent	70%, 53%, 61%
CMY	0.3020, 0.4706, 0.3922
CMYK	0.00, 0.24, 0.13, 0.30
HSL	332°, 22%, 61%
HSV	332°, 24%, 70%
XYZ	32.9405, 29.1595, 34.9025
YIQ	150.1370, 19.2080, 15.3360

# Conversions

## Conversions Part 2

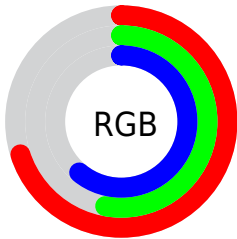
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 135, 155
Decimal	11700123
CIELab	60.92, 19.65, -4.25
CIELCh	61, 20.104, 347.789
Yxy	29.1595, 0.3396, 0.3006
Android (android.graphics.Color)	4289890203 (0xFFB2879B)
YUV	150.1370, 2.3975, 24.4359
Hunter-Lab	53.9995, 14.3883, -0.5224

# Details

The Hex color **B2879B** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **87B29E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **EABDD1**, and **7D5568** is the 20% darker color. If you saturate the color by 10%, you get **B27591**, and if you desaturate by 10%, it is **B299A5**.

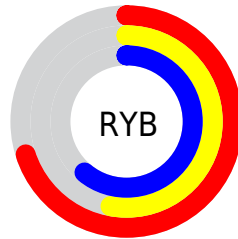
# Distribution



Red (70%)

Green (53%)

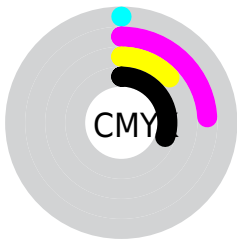
Blue (61%)



Red (70%)

Yellow (53%)

Blue (61%)

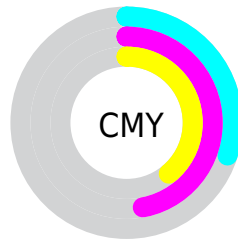


Cyan (0%)

Magenta (24%)

Yellow (13%)

Black (30%)



Cyan (30%)

Magenta (47%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2879B 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 B2879B by changing the saturation by 10% instead.



 B2879B

 B2879B

FFFFFF

 976D81

 EABDD1

 7D5568

 FFD8EE

 633D50

 FFF5FF

 4B2739

 331124

 21000E

 000000

 B2879B

 B2879B

 B27591

 B299A5

 B26388

 B2ABAE

 B2527E

 B2BCB8

 B24075

 B2CEC1

 B22E6B

 B2E0CB

 B21C62

 B2F2D4

 B20A58

 B2FFDE

 B20053

 B2FFE7

 B2FFF1

# Harmonies

## Analogous

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



A38BAB



B2879B



B88789

# Triad

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



B2879B



959571



649BAD

# Complementary

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



B2879B



87B29E

# 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.



629D9D



B2879B



819A7B

# Square

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



B2879B



A78F71



6E9D8B



7497B5

# Rectangle

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



B2879B



B6887E



6E9D8B



619CA8



# Sweetspot

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



B2879B



E8D8DF



9E87B2



756C70



F5F5F5



757575



# Same Dimension

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



B2879B



E8A5C4



B28887



595054



990047



1A000C



# Inverse Universe

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



B2879B



E8A5C4



87B1B2



595054



990047

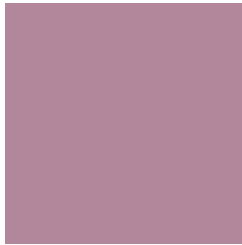


1A000C



# Previews

## White Background



This preview shows how the Hex color B2879B looks on a white background.

## Color Contrast Check

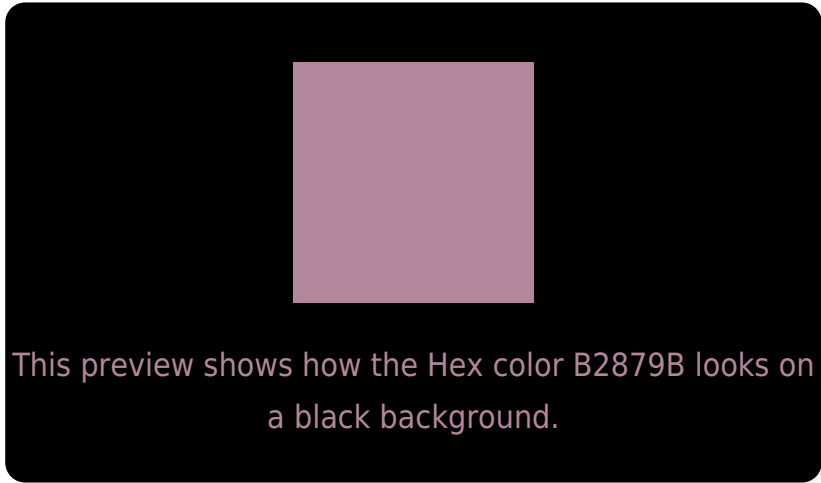
Large Text (above 18pt) WCAG AA ✓ Pass

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 B2879B Background



This preview shows how black text looks on a background with the Hex color B2879B.



This preview shows how white text looks on a background with the Hex color B2879B.

# 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**  
B18893

# Trichromacy



**Original Color**  
B2879B

**Protanomaly**  
9E8E9F

**Deuteranomaly**  
A68C9A

**Tritanomaly**  
B18896

# Monochromacy



**Original Color**  
B2879B

**Achromatopsia**  
969696

**Achromatomaly**  
A09198

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2879B 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 #B2879B looks like.

```
.text, #text, p{  
    color:#B2879B  
}
```

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 #B2879B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2879B  
}
```

## Border

The CSS property to change the border of an element to Hex B2879B is called "border". The border property can be set on classes, ids or directly on the HTML element.

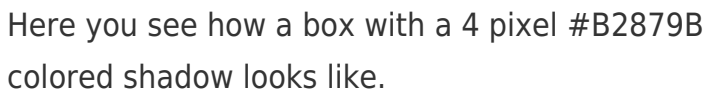
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B2879B }
```

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

```
.border{ border-color:#B2879B }
```

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



Here you see how a box with a 4 pixel #B2879B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2879B; -webkit-box-shadow:4px 4px  
4px 4px #B2879B; box-shadow:4px 4px 4px  
4px #B2879B }
```

# Background

The CSS property to change the background color of an element to Hex B2879B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2879B }
```

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

```
.background{ background-color:#B2879B }
```

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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