

# Converting Colors

Hex(B293D2)

Have a look what the booklet for  
Hex(B293D2) contains.

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# **Color**

**Hex(B293D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B293D2
RGB	178, 147, 210
RGB Percent	70%, 58%, 82%
CMY	0.3020, 0.4235, 0.1765
CMYK	0.15, 0.30, 0.00, 0.18
HSL	270°, 41%, 70%
HSV	270°, 30%, 82%
XYZ	40.4267, 34.9856, 65.5949
YIQ	163.4510, -1.7470, 26.1650

# Conversions

## Conversions Part 2

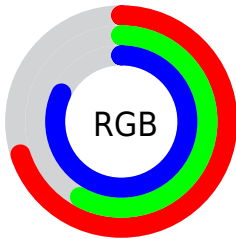
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 147, 210
Decimal	11703250
CIE <sub>Lab</sub>	65.74, 23.71, -27.99
CIE <sub>LCh</sub>	66, 36.678, 310.264
Yxy	34.9856, 0.2867, 0.2481
Android (android.graphics.Color)	4289893330 (0xFFB293D2)
YUV	163.4510, 22.9487, 12.7595
Hunter-Lab	59.1486, 18.4905, -24.3477

# Details

The Hex color **B293D2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B3D293**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **EAC9FF**, and **7C609B** is the 20% darker color. If you saturate the color by 10%, you get **A77ED2**, and if you desaturate by 10%, it is **BDA8D2**.

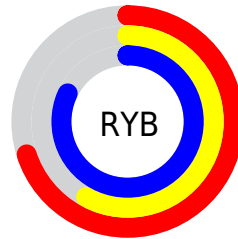
# Distribution



Red (70%)

Green (58%)

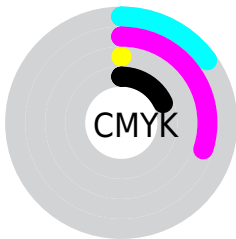
Blue (82%)



Red (70%)

Yellow (58%)

Blue (82%)

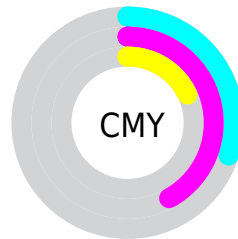


Cyan (15%)

Magenta (30%)

Yellow (0%)

Black (18%)



Cyan (30%)

Magenta (42%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B293D2 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 B293D2 by changing the saturation by 10% instead.



 B293D2

 B293D2

FFFFFF

 9779B6

 EAC9FF

 7C609B

 FFE5FF

 634881

 4A3168

 321B4F

 1B0538

 000022

 000008

 000000

 B293D2

 B293D2

 A77ED2

 BDA8D2

 9D69D2

 C7BDD2

 9254D2

 D2D2D2

 873FD2

 DDE7D2

 7D2AD2

 E7FCD2

 7215D2

 F2FFD2

 6700D2

 FDFFD2

 FFFFD2

# Harmonies

## Analogous

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



829FE0



B293D2



D289B7

# Triad

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



B293D2



C89662



2BB1AA

# Complementary

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



B293D2



B3D293

# 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.



5DB088



B293D2



AAA15E

# Square

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



B293D2



DB8B77



86AA6C



00AFC9

# Rectangle

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



B293D2



DD86A1



86AA6C



3DB19F



# Sweetspot

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



B293D2



F3E8FF



93B4D2



787180



000000



808080



# Same Dimension

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



B293D2



D0A3FF



D193D2



635E69



5300A8



140029



# Inverse Universe

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



D293B3



FFA3D2



94D293



695E63



A80055

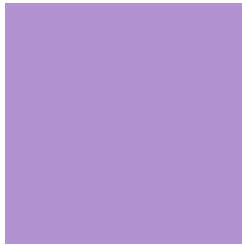


290015



# Previews

## White Background



This preview shows how the Hex color B293D2 looks on a white background.

## Color Contrast Check

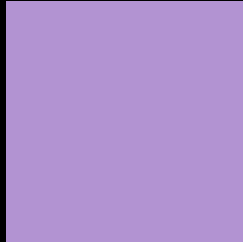
Large Text (above 18pt) WCAG AA × Fail

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 B293D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

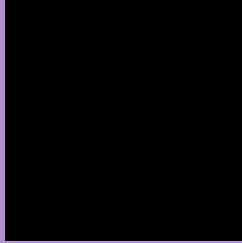
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B293D2 Background



This preview shows how black text looks on a background with the Hex color B293D2.

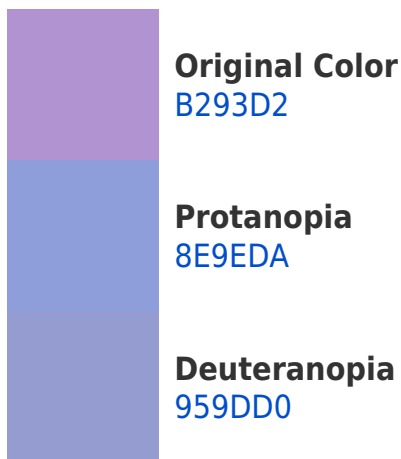


This preview shows how white text looks on a background with the Hex color B293D2.

# 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](#).

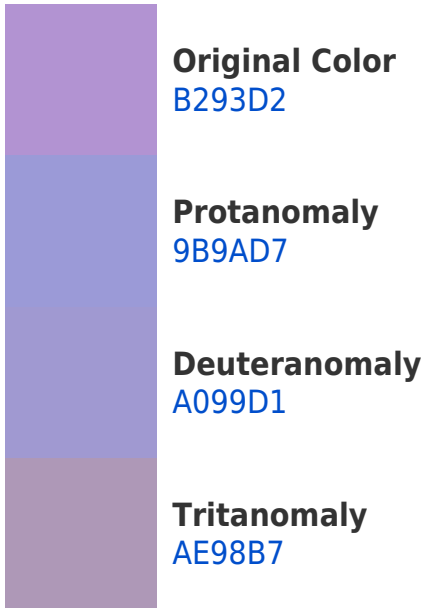
## Dichromacy



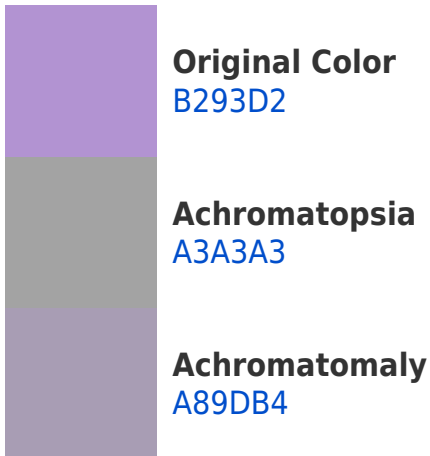


**Tritanopia**  
AB9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B293D2 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 #B293D2 looks like.

```
.text, #text, p{  
  color:#B293D2  
}
```

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 #B293D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B293D2
}
```

## Border

The CSS property to change the border of an element to Hex B293D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

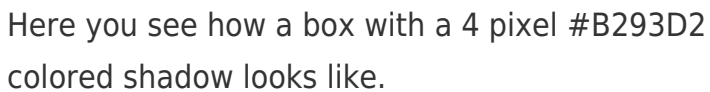
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B293D2 }
```

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

```
.border{ border-color:#B293D2 }
```

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



Here you see how a box with a 4 pixel #B293D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B293D2; -webkit-box-shadow:4px 4px  
4px 4px #B293D2; box-shadow:4px 4px 4px  
4px #B293D2 }
```

# Background

The CSS property to change the background color of an element to Hex B293D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B293D2 }
```

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

```
.background{ background-color:#B293D2 }
```

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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