

Converting Colors

Hex(B293D4)

Have a look what the booklet for
Hex(B293D4) contains.

Hex(B293D4)	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(B293D4)

Conversions

Conversions Part 1

Format	Color
Hex	B293D4
RGB	178, 147, 212
RGB Percent	70%, 58%, 83%
CMY	0.3020, 0.4235, 0.1686
CMYK	0.16, 0.31, 0.00, 0.17
HSL	269°, 43%, 70%
HSV	269°, 31%, 83%
XYZ	40.6775, 35.0859, 66.9157
YIQ	163.6790, -2.3890, 26.7870

Conversions

Conversions Part 2

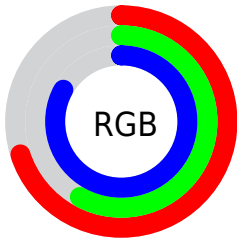
Format	Color
R_{YB}	178, 147, 212
Decimal	11703252
CIE _{Lab}	65.82, 24.15, -28.98
CIE _{LCh}	66, 37.720, 309.800
Yxy	35.0859, 0.2851, 0.2459
Android (android.graphics.Color)	4289893332 (0xFFB293D4)
YUV	163.6790, 23.8223, 12.5595
Hunter-Lab	59.2333, 18.9235, -25.5163

Details

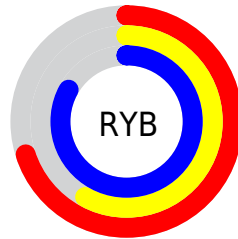
The Hex color **B293D4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B5D493**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **EAC9FF**, and **7C609D** is the 20% darker color. If you saturate the color by 10%, you get **A77ED4**, and if you desaturate by 10%, it is **BDA8D4**.

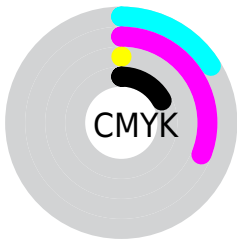
Distribution



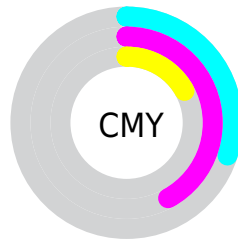
- Red (70%)
- Green (58%)
- Blue (83%)



- Red (70%)
- Yellow (58%)
- Blue (83%)



- Cyan (16%)
- Magenta (31%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B293D4 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 B293D4 by changing the saturation by 10% instead.

 B293D4

 B293D4

FFFFFF

 9779B8

 EAC9FF

 7C609D

 FFE5FF

 634883

 4A3169

 321B51

 1B053A

 000024

 00000B

 000000

 B293D4

 B293D4

 A77ED4

 BDA8D4

 9C69D4

 C8BDD4

 9153D4

 D3D3D4

 863ED4

 DEE8D4

 7B29D4

 E9FDD4

 6F14D4

 F5FFD4

 6500D4

 FFFFD4

Harmonies

Analogous

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



809FE2



B293D4



D389B8

Triad

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



B293D4



C99661



23B2AA

Complementary

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



B293D4



B5D493

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.



5BB087



B293D4



ABA15C

Square

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



B293D4



DD8B76



86AB6B



00B0CA

Rectangle

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



B293D4



DF85A1



86AB6B



39B29F

Sweetspot

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



B293D4



F3E8FF



93B6D4



787180



000000



808080

Same Dimension

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



B293D4



CEA1FF



D293D4



65606B



5100AB



15002B

Inverse Universe

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



D493B5



FFA1D2



95D493



6B6066



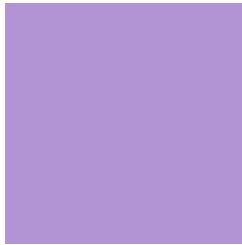
AB0059



2B0017

Previews

White Background



This preview shows how the Hex color B293D4 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 B293D4 Background



This preview shows how black text looks on a background with the Hex color B293D4.

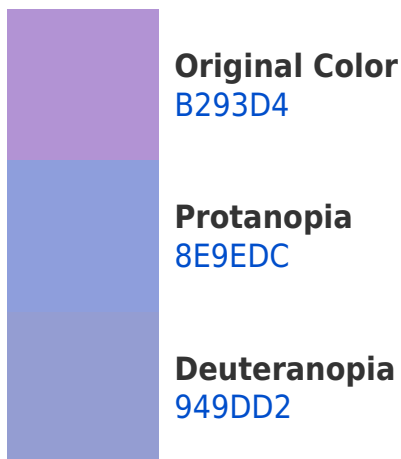


This preview shows how white text looks on a background with the Hex color B293D4.

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](#).

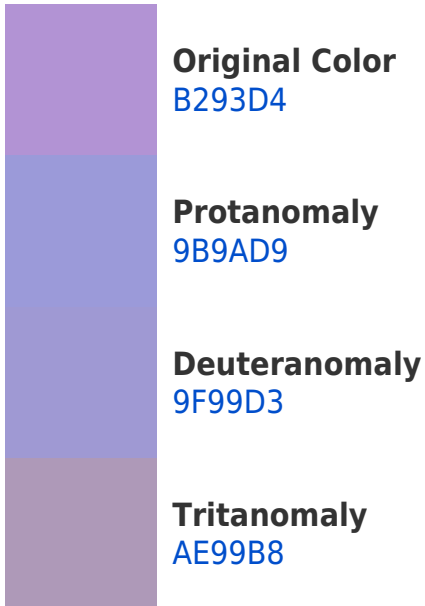
Dichromacy



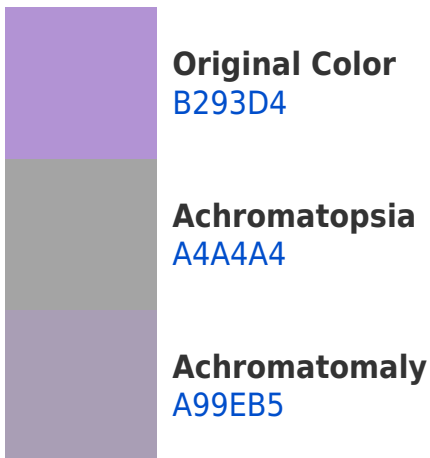


Tritanopia
AB9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B293D4 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 #B293D4 looks like.

```
.text, #text, p{  
    color:#B293D4  
}
```

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 #B293D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B293D4
}
```

Border

The CSS property to change the border of an element to Hex B293D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

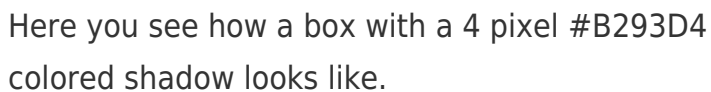
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B293D4 }
```

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

```
.border{ border-color:#B293D4 }
```

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



Here you see how a box with a 4 pixel #B293D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B293D4; -webkit-box-shadow:4px 4px  
4px 4px #B293D4; box-shadow:4px 4px 4px  
4px #B293D4 }
```

Background

The CSS property to change the background color of an element to Hex B293D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B293D4 }
```

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

```
.background{ background-color:#B293D4 }
```

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