

Converting Colors

Hex(B296DA)

Have a look what the booklet for
Hex(B296DA) contains.

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Color

Hex(**B296DA**)

Conversions

Conversions Part 1

Format	Color
Hex	B296DA
RGB	178, 150, 218
RGB Percent	70%, 59%, 85%
CMY	0.3020, 0.4118, 0.1451
CMYK	0.18, 0.31, 0.00, 0.15
HSL	265°, 48%, 72%
HSV	265°, 31%, 85%
XYZ	41.9213, 36.3396, 71.1344
YIQ	166.1240, -5.1400, 27.0840

Conversions

Conversions Part 2

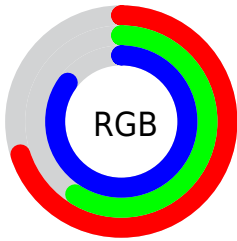
Format	Color
RYB	178, 150, 218
Decimal	11704026
CIELab	66.78, 23.80, -30.82
CIELCh	67, 38.937, 307.672
Yxy	36.3396, 0.2806, 0.2432
Android (android.graphics.Color)	4289894106 (0xFFB296DA)
YUV	166.1240, 25.5749, 10.4153
Hunter-Lab	60.2824, 18.6377, -27.7658

Details

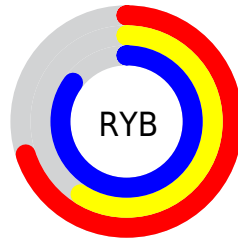
The Hex color **B296DA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BEDA96**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **EACCFE**, and **7C63A3** is the 20% darker color. If you saturate the color by 10%, you get **A580DA**, and if you desaturate by 10%, it is **BFACDA**.

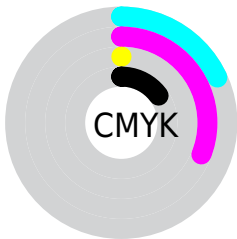
Distribution



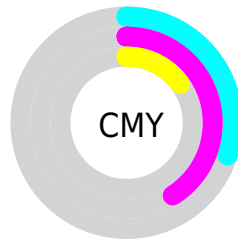
- Red (70%)
- Green (59%)
- Blue (85%)



- Red (70%)
- Yellow (59%)
- Blue (85%)



- Cyan (18%)
- Magenta (31%)
- Yellow (0%)
- Black (15%)



- Cyan (30%)
- Magenta (41%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B296DA 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 B296DA by changing the saturation by 10% instead.

 B296DA

 B296DA

FFFFFF

 977CBE


 EACCFE

 7C63A3

 FFE9FF

 634B88

 4A346F

 311E56

 19093E

 000028

 000112

 000000

 B296DA

 B296DA

 A580DA

 BFACDA

 986ADA

 CCC2DA

 8C55DA

 D8D7DA

 7F3FDA

 E5EDDA

 7229DA

 F2FFDA

 6513DA

 FFFFDA

 5A00DA

Harmonies

Analogous

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



7DA3E8



B296DA



D68BBE

Triad

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



B296DA



CF9762



22B5AB

Complementary

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



B296DA



BEDA96

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.



5EB387



B296DA



B0A35C

Square

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



B296DA



E28C79



8BAD6A



00B3CC

Rectangle

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



B296DA



E287A7



8BAD6A



3AB59E

Sweetspot

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



B296DA



F2E8FF



96BFDA



777180



000000



808080

Same Dimension

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



B296DA



C8A1FF



D396DA



67636E



4700AD



13002E

Inverse Universe

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



DA96BE



FFA1D8



9DDA96



6E6369



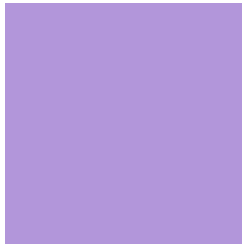
AD0066



2E001B

Previews

White Background



This preview shows how the Hex color B296DA looks on a white background.

Color Contrast Check

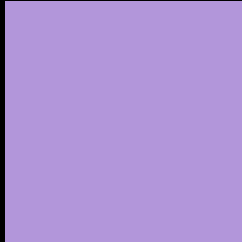
Large Text (above 18pt) WCAG AA × Fail

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 B296DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

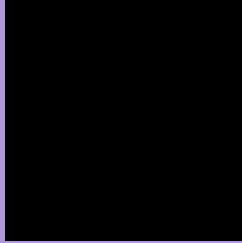
Any Text WCAG AA ✓ Pass

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 B296DA Background



This preview shows how black text looks on a background with the Hex color B296DA.

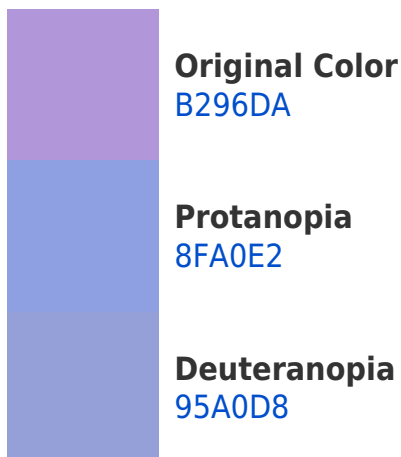


This preview shows how white text looks on a background with the Hex color B296DA.

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](#).

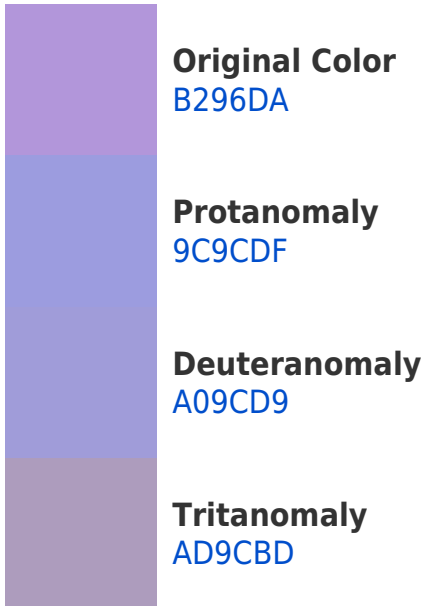
Dichromacy



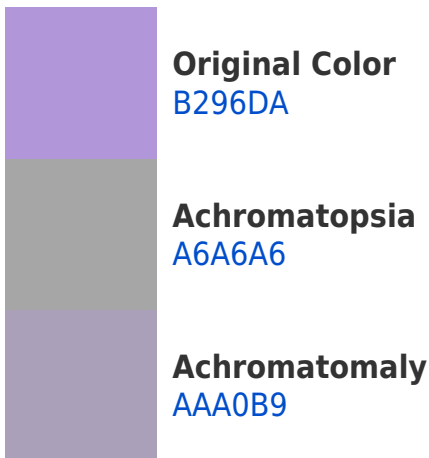


Tritanopia
AA9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B296DA 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 #B296DA looks like.

```
.text, #text, p{  
    color:#B296DA  
}
```

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 #B296DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B296DA
}
```

Border

The CSS property to change the border of an element to Hex B296DA 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
#B296DA }
```

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

```
.border{ border-color:#B296DA }
```

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

Here you see how a box with a 4 pixel #B296DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B296DA; -webkit-box-shadow:4px 4px  
4px 4px #B296DA; box-shadow:4px 4px 4px  
4px #B296DA }
```

Background

The CSS property to change the background color of an element to Hex B296DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B296DA }
```

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

```
.background{ background-color:#B296DA }
```

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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