

Converting Colors

Hex(B492D9)

Have a look what the booklet for
Hex(B492D9) contains.

| | |
|--|----|
| Hex(B492D9) | 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(B492D9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B492D9 |
| RGB | 180, 146, 217 |
| RGB Percent | 71%, 57%, 85% |
| CMY | 0.2941, 0.4275, 0.1490 |
| CMYK | 0.17, 0.33, 0.00, 0.15 |
| HSL | 269°, 48%, 71% |
| HSV | 269°, 33%, 85% |
| XYZ | 41.6257, 35.2708, 70.2597 |
| YIQ | 164.2600, -2.5270, 29.2890 |

Conversions

Conversions Part 2

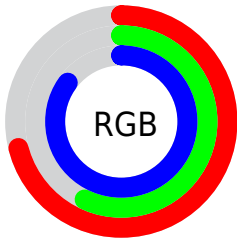
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 180, 146, 217 |
| Decimal | 11834073 |
| CIE Lab | 65.96, 26.43, -31.52 |
| CIE LCh | 66, 41.135, 309.983 |
| Yxy | 35.2708, 0.2829, 0.2397 |
| Android (android.graphics.Color) | 4290024153 (0xFFB492D9) |
| YUV | 164.2600, 26.0008, 13.8040 |
| Hunter-Lab | 59.3892, 21.1787, -28.5698 |

Details

The Hex color **B492D9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B7D992**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **EDC8FF**, and **7E5FA2** is the 20% darker color. If you saturate the color by 10%, you get **A97CD9**, and if you desaturate by 10%, it is **BFA8D9**.

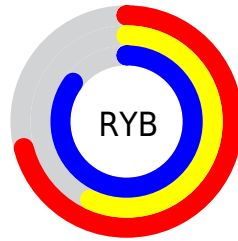
Distribution



Red (71%)

Green (57%)

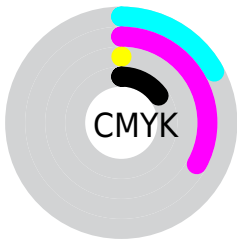
Blue (85%)



Red (71%)

Yellow (57%)

Blue (85%)

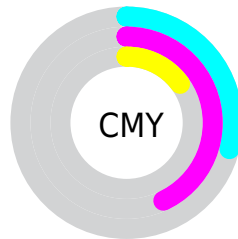


Cyan (17%)

Magenta (33%)

Yellow (0%)

Black (15%)



Cyan (29%)

Magenta (43%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color B492D9 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 B492D9 by changing the saturation by 10% instead.

 B492D9

 B492D9

FFFFFF

 9978BD

 EDC8FF

 7E5FA2

 FFE4FF

 644787

 4B306E

 331A55

 1B043E

 000027

 000111

 000000

 B492D9

 B492D9

 A97CD9

 BFA8D9

 9D67D9

 CBBDD9

 9251D9

 D6D3D9

 873BD9

 E1E9D9

 7B25D9

 EDFED9

 7010D9

 F8FFD9

 6800D9

 FFFFD9

Harmonies

Analogous

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



7DA0E9



B492D9



D886BA

Triad

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



B492D9



CC955B



00B4AC

Complementary

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



B492D9



B7D992

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.



53B286



B492D9



ACA256

Square

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



B492D9



E28973



83AC66



00B2CF

Rectangle

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



B492D9



E483A2



83AC66



22B39F

Sweetspot

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



B492D9



F2E6FF



92B8D9



787080



000000



808080

Same Dimension

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



B492D9



CB9CFF



D792D9



68636E



5300AD



16002E

Inverse Universe

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



D992B7



FF9CCF



94D992



6E6368



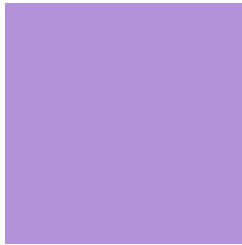
AD005A



2E0018

Previews

White Background



This preview shows how the Hex color B492D9 looks on a white background.

Color Contrast Check

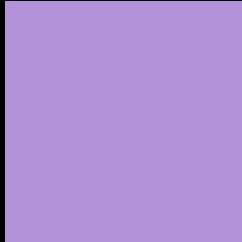
Large Text (above 18pt) WCAG AA × Fail

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 B492D9 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 B492D9 Background



This preview shows how black text looks on a background with the Hex color B492D9.

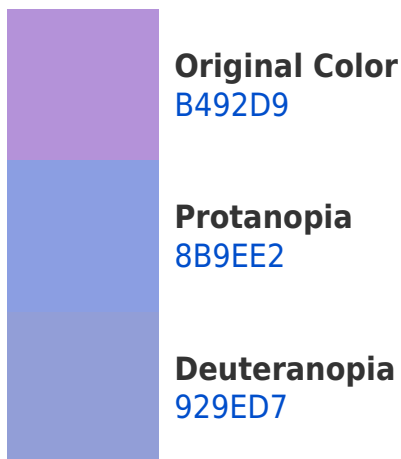


This preview shows how white text looks on a background with the Hex color B492D9.

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](#).

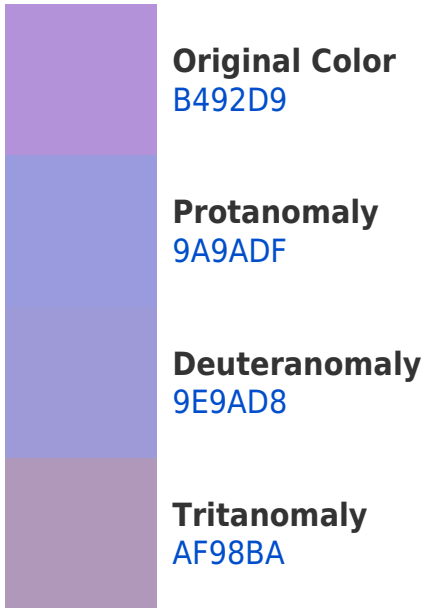
Dichromacy



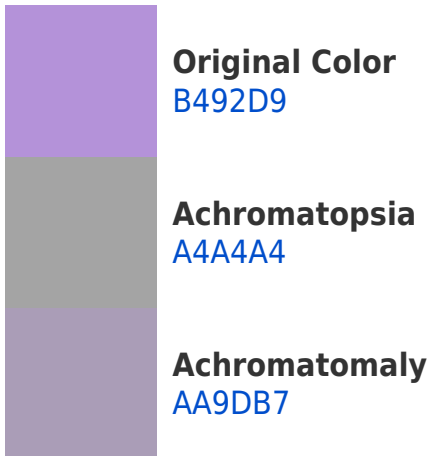


Tritanopia
AC9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B492D9 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 #B492D9 looks like.

```
.text, #text, p{  
    color:#B492D9  
}
```

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 #B492D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B492D9
}
```

Border

The CSS property to change the border of an element to Hex B492D9 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
#B492D9 }
```

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

```
.border{ border-color:#B492D9 }
```

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

Here you see how a box with a 4 pixel #B492D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B492D9; -webkit-box-shadow:4px 4px  
4px 4px #B492D9; box-shadow:4px 4px 4px  
4px #B492D9 }
```

Background

The CSS property to change the background color of an element to Hex B492D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B492D9 }
```

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

```
.background{ background-color:#B492D9 }
```

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