

Converting Colors

Hex(B278D4)

Have a look what the booklet for
Hex(B278D4) contains.

Hex(B278D4)	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(B278D4)

Conversions

Conversions Part 1

Format	Color
Hex	B278D4
RGB	178, 120, 212
RGB Percent	70%, 47%, 83%
CMY	0.3020, 0.5294, 0.1686
CMYK	0.16, 0.43, 0.00, 0.17
HSL	278°, 52%, 65%
HSV	278°, 43%, 83%
XYZ	36.9602, 27.6514, 65.6766
YIQ	147.8300, 5.0360, 40.9080

Conversions

Conversions Part 2

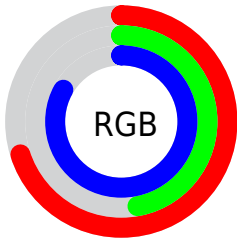
Format	Color
RYB	178, 120, 212
Decimal	11696340
CIELab	59.57, 39.21, -38.69
CIElCh	60, 55.082, 315.383
Yxy	27.6514, 0.2837, 0.2122
Android (android.graphics.Color)	4289886420 (0xFFB278D4)
YUV	147.8300, 31.6358, 26.4591
Hunter-Lab	52.5846, 33.4396, -37.2422

Details

The Hex color **B278D4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **9AD478**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **EBADFF**, and **7B469D** is the 20% darker color. If you saturate the color by 10%, you get **AA63D4**, and if you desaturate by 10%, it is **BA8DD4**.

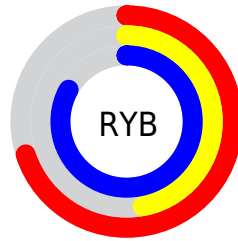
Distribution



Red (70%)

Green (47%)

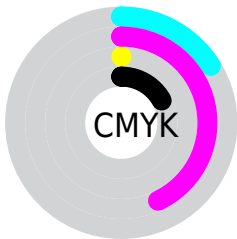
Blue (83%)



Red (70%)

Yellow (47%)

Blue (83%)

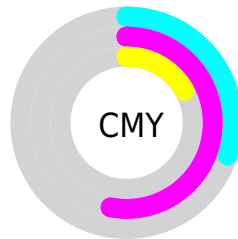


Cyan (16%)

Magenta (43%)

Yellow (0%)

Black (17%)



Cyan (30%)

Magenta (53%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color B278D4 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 B278D4 by changing the saturation by 10% instead.

 B278D4

 B278D4

FFFFFF

 965EB8

 EBADFF

 7B469D

 FFC9FF

 612D83

 FFE6FF

 471469

 2E0050

 1A0039

 000222

 000008

 000000

 B278D4

 B278D4

 AA63D4

 BA8DD4

 A24ED4

 C2A2D4

 9A38D4

 CAB8D4

 9323D4

 D1CDD4

 8B0ED4

 D9E2D4

 8600D4

 E1F7D4

 E9FFD4

 F1FFD4

 F9FFD4

Harmonies

Analogous

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



648CED



B278D4



DC67A9

Triad

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



B278D4



BD842D



00A7A8

Complementary

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



B278D4



9AD478

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.



00A575



B278D4



929529

Square

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



B278D4



DC714C



5AA048



00A4D3

Rectangle

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



B278D4



E76389



5AA048



00A797

Sweetspot

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



B278D4



F3DEFF



789BD4



786B80



000000



808080

Same Dimension

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



B278D4



CE7AFF



D478C9



67606B



6C00AB



1B002B

Inverse Universe

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



D4789A



FF7AAB



78D483



6B6064



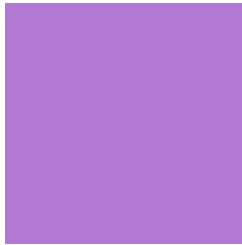
AB003F



2B0010

Previews

White Background



This preview shows how the Hex color B278D4 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 B278D4 Background



This preview shows how black text looks on a background with the Hex color B278D4.

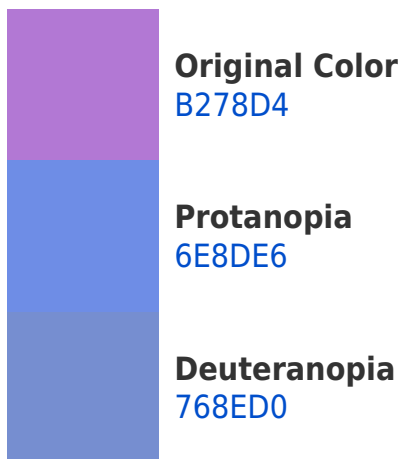


This preview shows how white text looks on a background with the Hex color B278D4.

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](#).

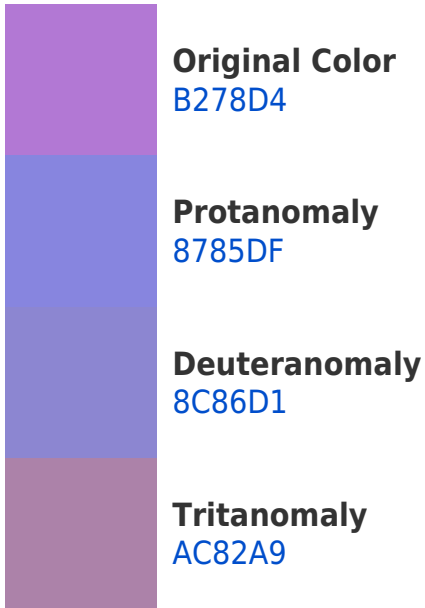
Dichromacy



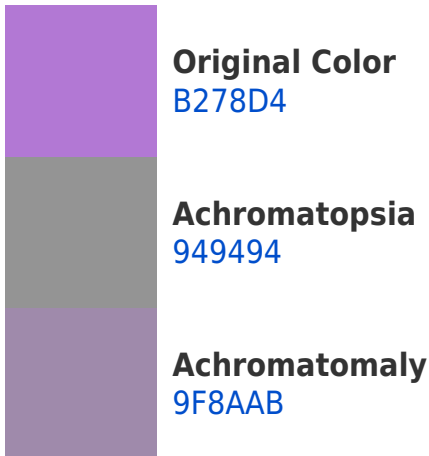


Tritanopia
A88791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B278D4 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 #B278D4 looks like.

```
.text, #text, p{  
    color:#B278D4  
}
```

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 #B278D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B278D4
}
```

Border

The CSS property to change the border of an element to Hex B278D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

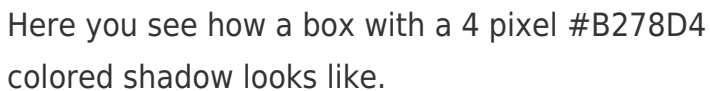
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B278D4 }
```

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

```
.border{ border-color:#B278D4 }
```

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



Here you see how a box with a 4 pixel #B278D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B278D4; -webkit-box-shadow:4px 4px  
4px 4px #B278D4; box-shadow:4px 4px 4px  
4px #B278D4 }
```

Background

The CSS property to change the background color of an element to Hex B278D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B278D4 }
```

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

```
.background{ background-color:#B278D4 }
```

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