

# Converting Colors

Hex(A273BD)

Have a look what the booklet for  
Hex(A273BD) contains.

|  |    |
|--|----|
| <b>Hex(A273BD)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(A273BD)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | A273BD                    |
| RGB         | 162, 115, 189             |
| RGB Percent | 64%, 45%, 74%             |
| CMY         | 0.3647, 0.5490, 0.2588    |
| CMYK        | 0.14, 0.39, 0.00, 0.26    |
| HSL         | 278°, 36%, 60%            |
| HSV         | 278°, 39%, 74%            |
| XYZ         | 30.2163, 23.6170, 51.1101 |
| YIQ         | 137.4890, 4.2580, 32.9780 |

# Conversions

## Conversions Part 2

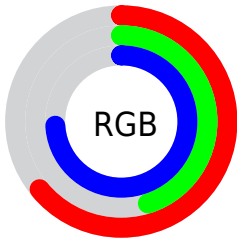
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">162, 115, 189</a>                  |
| Decimal                             | <a href="#">10646461</a>                       |
| CIELab                              | <a href="#">55.70, 32.19, -31.81</a>           |
| CIELCh                              | <a href="#">56, 45.253, 315.339</a>            |
| Yxy                                 | <a href="#">23.6170, 0.2879,<br/>0.2250</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4288836541<br/>(0xFFA273BD)</a>    |
| YUV                                 | <a href="#">137.4890, 25.3949,<br/>21.4961</a> |
| Hunter-Lab                          | <a href="#">48.5973, 25.9406,<br/>-28.3375</a> |

# Details

The Hex color **A273BD** is a light color, and the websafe version is hex **996699**. A complement of this color would be **8EBD73**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **DAA8F6**, and **6D4287** is the 20% darker color. If you saturate the color by 10%, you get **9B60BD**, and if you desaturate by 10%, it is **A986BD**.

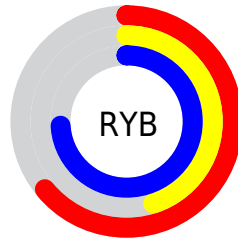
# Distribution



Red (64%)

Green (45%)

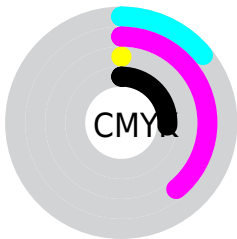
Blue (74%)



Red (64%)

Yellow (45%)

Blue (74%)

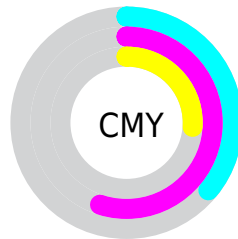


Cyan (14%)

Magenta (39%)

Yellow (0%)

Black (26%)



Cyan (36%)

Magenta (55%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A273BD 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 A273BD by changing the saturation by 10% instead.



 A273BD

 A273BD

FFFFFF

 875AA2

 DAA8F6

 6D4287

 F7C3FF

 532A6E

 FFDFFF

 3B1355

 FFFCFF

 23003D

 040027

 000110

 000000

 A273BD

 A273BD

9B60BD

A986BD

944DBD

B099BD

8D3ABD

B7ACBD

8627BD

BEBFBD

8014BD

C4D2BD

7902BD

CBE4BD

7800BD

D2F7BD

D9FFBD

E0FFBD

# Harmonies

## Analogous

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



6783D1



A273BD



C4669A

# Triad

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



A273BD



AC7C38



009999

# Complementary

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



A273BD



8EBD73

# 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.



049870



A273BD



898A36

# Square

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



A273BD



C56E4F



5C934C



0097BC

# Rectangle

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



A273BD



CE6380



5C934C



00998B



# Sweetspot

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



A273BD



EAD7F5



738EBD



74697A



FAFAFA



7A7A7A



# Same Dimension

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



A273BD



CB82F5



BD73B3



5B555E



64009E



13001F



# Inverse Universe

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



BD738E



F582AC



73BD7D



5E5558



9E003A

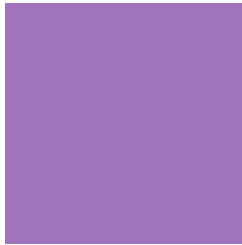


1F000B



# Previews

## White Background



This preview shows how the Hex color A273BD 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

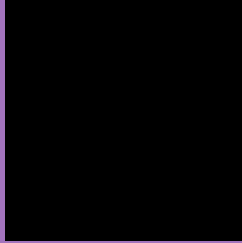
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A273BD Background



This preview shows how black text looks on a background with the Hex color A273BD.

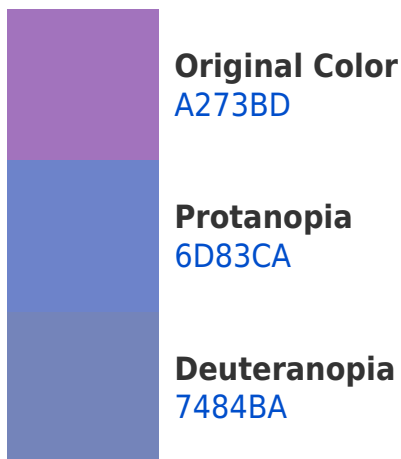


This preview shows how white text looks on a background with the Hex color A273BD.

# 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](#).

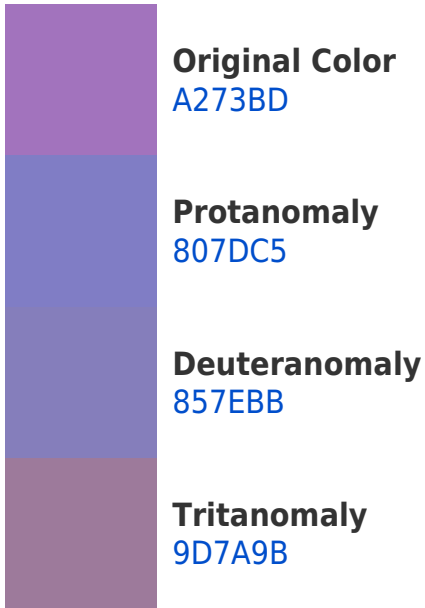
## Dichromacy



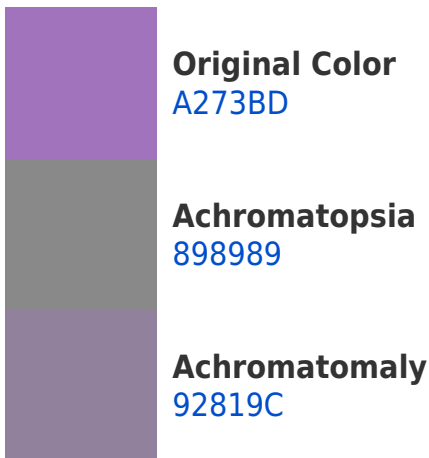


**Tritanopia**  
9A7E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A273BD 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 #A273BD looks like.

```
.text, #text, p{  
    color:#A273BD  
}
```

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 #A273BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A273BD
}
```

## Border

The CSS property to change the border of an element to Hex A273BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

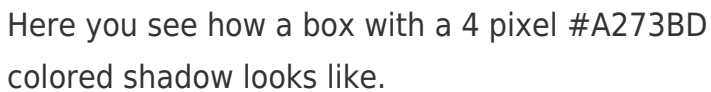
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A273BD }
```

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

```
.border{ border-color:#A273BD }
```

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



Here you see how a box with a 4 pixel `#A273BD` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A273BD; -webkit-box-shadow:4px 4px  
4px 4px #A273BD; box-shadow:4px 4px 4px  
4px #A273BD }
```

# Background

The CSS property to change the background color of an element to Hex A273BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A273BD }
```

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

```
.background{ background-color:#A273BD }
```

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