

# Converting Colors

Hex(A582B0)

Have a look what the booklet for  
Hex(A582B0) contains.

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# Color

**Hex(A582B0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A582B0
RGB	165, 130, 176
RGB Percent	65%, 51%, 69%
CMY	0.3529, 0.4902, 0.3098
CMYK	0.06, 0.26, 0.00, 0.31
HSL	286°, 23%, 60%
HSV	286°, 26%, 69%
XYZ	31.3362, 27.0992, 44.6534
YIQ	145.7090, 6.0940, 21.7260

# Conversions

## Conversions Part 2

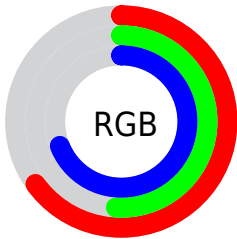
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 130, 176
Decimal	10846896
CIELab	59.07, 21.85, -19.17
CIELCh	59, 29.068, 318.745
Yxy	27.0992, 0.3040, 0.2629
Android (android.graphics.Color)	4289036976 (0xFFA582B0)
YUV	145.7090, 14.9335, 16.9182
Hunter-Lab	52.0569, 16.3503, -14.4180

# Details

The Hex color **A582B0** is a light color, and the websafe version is hex **996699**. A complement of this color would be **8DB082**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **DCB7E8**, and **71507B** is the 20% darker color. If you saturate the color by 10%, you get **A170B0**, and if you desaturate by 10%, it is **A994B0**.

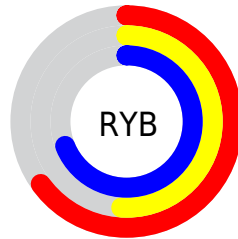
# Distribution



Red (65%)

Green (51%)

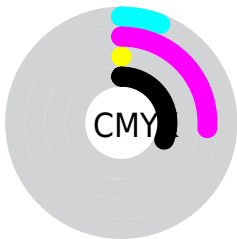
Blue (69%)



Red (65%)

Yellow (51%)

Blue (69%)

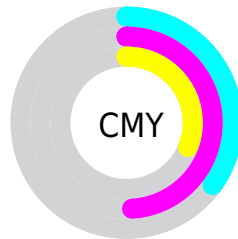


Cyan (6%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (35%)

Magenta (49%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A582B0 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 A582B0 by changing the saturation by 10% instead.



 A582B0

 A582B0

FFFFFF

 8A6995

 DCB7E8

 71507B

 F9D3FF

 583962

 FFEFFF

 40234A

 290D34

 16001F

 000001

 000000

 A582B0

 A582B0

 A170B0

 A994B0

 9D5FB0

 ADA5B0

 984DB0

 B2B7B0

 943CB0

 B6C8B0

 902AB0

 BADAB0

 8C18B0

 BEECB0

 8807B0

 C2FDB0

 8600B0

 C7FFB0

 CBFFB0

# Harmonies

## Analogous

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



848BBE



A582B0



BA7C99

# Triad

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



A582B0



A8895C



399C9E

# Complementary

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



A582B0



8DB082

# 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.



549B83



A582B0



8F925D

# Square

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



A582B0



BA8169



72986C



3B99B4

# Rectangle

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



A582B0



C07B88



72986C



419C95



# Sweetspot

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



A582B0



E1D3E6



828EB0



706773



F2F2F2



737373



# Same Dimension

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



A582B0



D49EE6



B082A5



575059



740099



13001A



# Inverse Universe

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



B0828D



E69EAF



82B08E



595052



990025

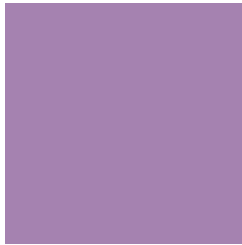


1A0006



# Previews

## White Background



This preview shows how the Hex color A582B0 looks on a white background.

## Color Contrast Check

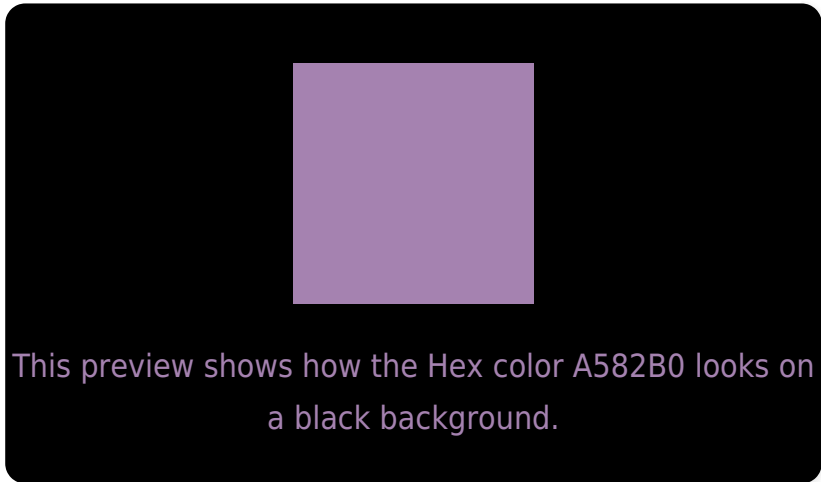
Large Text (above 18pt) WCAG AA ✓ Pass

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

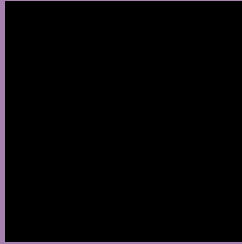
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A582B0 Background



This preview shows how black text looks on a background with the Hex color A582B0.

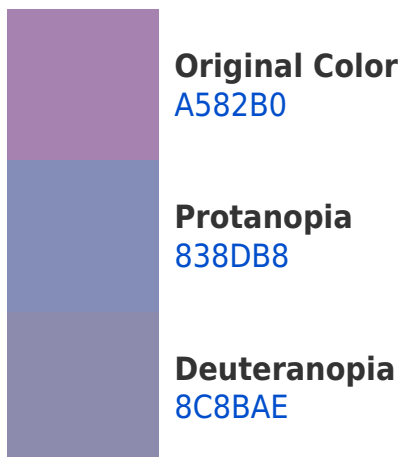


This preview shows how white text looks on a background with the Hex color A582B0.

# 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](#).

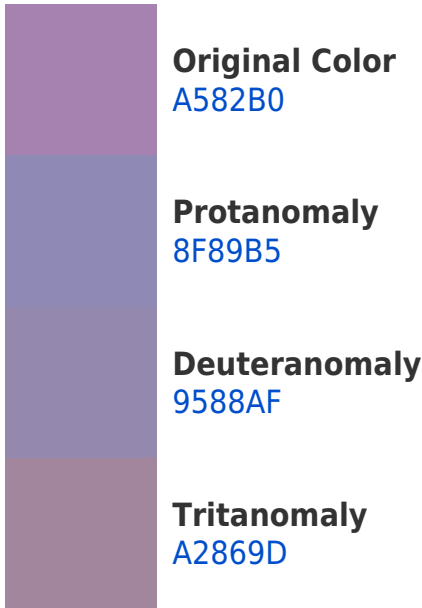
## Dichromacy



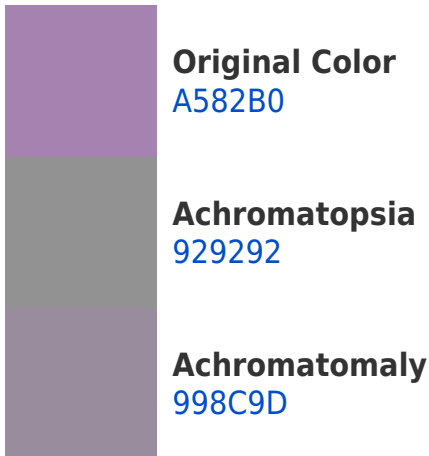


**Tritanopia**  
A18892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A582B0 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 #A582B0 looks like.

```
.text, #text, p{  
    color:#A582B0  
}
```

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 #A582B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A582B0
}
```

## Border

The CSS property to change the border of an element to Hex A582B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

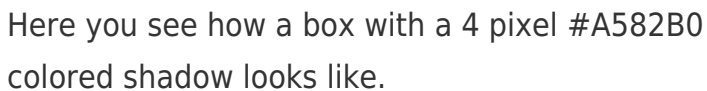
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A582B0 }
```

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

```
.border{ border-color:#A582B0 }
```

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



Here you see how a box with a 4 pixel #A582B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A582B0; -webkit-box-shadow:4px 4px  
4px 4px #A582B0; box-shadow:4px 4px 4px  
4px #A582B0 }
```

# Background

The CSS property to change the background color of an element to Hex A582B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A582B0 }
```

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

```
.background{ background-color:#A582B0 }
```

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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