

# Converting Colors

Hex(A59DD0)

Have a look what the booklet for  
Hex(A59DD0) contains.

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# Color

**Hex(A59DD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A59DD0
RGB	165, 157, 208
RGB Percent	65%, 62%, 82%
CMY	0.3529, 0.3843, 0.1843
CMYK	0.21, 0.25, 0.00, 0.18
HSL	249°, 35%, 72%
HSV	249°, 25%, 82%
XYZ	38.9592, 36.6673, 64.6986
YIQ	165.2060, -11.6030, 17.5570

# Conversions

## Conversions Part 2

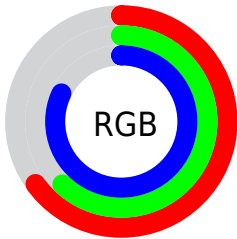
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 157, 208
Decimal	10853840
CIELab	67.03, 13.54, -24.99
CIELCh	67, 28.425, 298.451
Yxy	36.6673, 0.2776, 0.2613
Android (android.graphics.Color)	4289043920 (0xFFA59DD0)
YUV	165.2060, 21.0974, -0.1807
Hunter-Lab	60.5536, 8.8753, -20.9611

# Details

The Hex color **A59DD0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C8D09D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **DDD4FF**, and **706A99** is the 20% darker color. If you saturate the color by 10%, you get **9388D0**, and if you desaturate by 10%, it is **B7B2D0**.

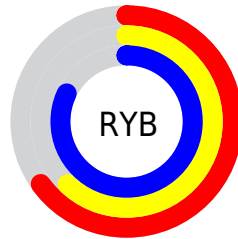
# Distribution



Red (65%)

Green (62%)

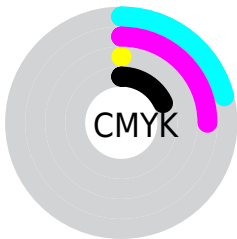
Blue (82%)



Red (65%)

Yellow (62%)

Blue (82%)

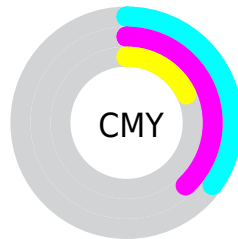


Cyan (21%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (38%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A59DD0 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 A59DD0 by changing the saturation by 10% instead.



 A59DD0

 A59DD0

FFFFFF

 8A83B4

 DDD4FF

 706A99

 F9F0FF

 57527F

 3F3B66

 27254E

 101137

 000121

 000006

 000000

 A59DD0

 A59DD0

 9388D0

 B7B2D0

 8273D0

 C8C7D0

 705FD0

 DADBD0

 5F4AD0

 EBF0D0

 4D35D0

 FDFFD0

 3C20D0

 FFFFD0

 2A0BD0

 2100D0

# Harmonies

## Analogous

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



80A6D6



A59DD0



C395BE

# Triad

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



A59DD0



CB9878



62B1A1

# Complementary

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



A59DD0



C8D09D

# 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.



7EAF88



A59DD0



B6A170

# Square

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



A59DD0



D6928C



9CA976



52B1BB

# Rectangle

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



A59DD0



CF91AE



9CA976



6BB198



# Sweetspot

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



A59DD0



F0EDFF



9DC8D0



777580



000000



808080



# Same Dimension

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



A59DD0



C1B5FF



BE9DD0



605E69



1A00A8



060029



# Inverse Universe

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



D09DC8



FFB5F3



AFD09D



695E67



A8008E

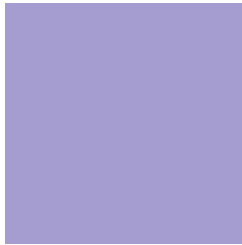


290022



# Previews

## White Background



This preview shows how the Hex color A59DD0 looks on a white background.

## Color Contrast Check

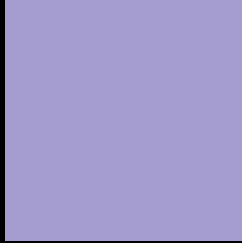
Large Text (above 18pt) WCAG AA × Fail

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 A59DD0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

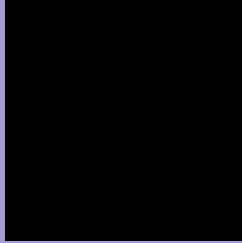
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A59DD0 Background



This preview shows how black text looks on a background with the Hex color A59DD0.

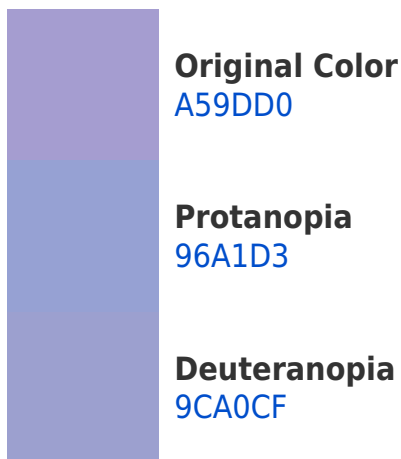


This preview shows how white text looks on a background with the Hex color A59DD0.

# 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](#).

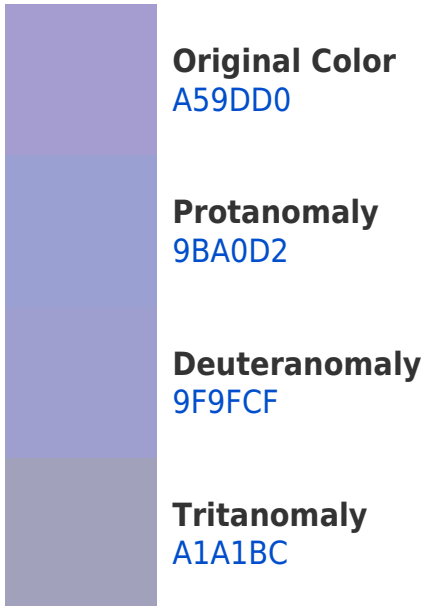
## Dichromacy



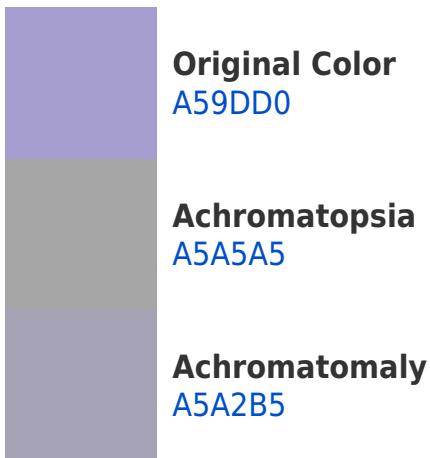


**Tritanopia**  
9FA3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A59DD0 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 #A59DD0 looks like.

```
.text, #text, p{  
    color:#A59DD0  
}
```

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 #A59DD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A59DD0  
}
```

## Border

The CSS property to change the border of an element to Hex A59DD0 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  
#A59DD0 }
```

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

```
.border{ border-color:#A59DD0 }
```

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

Here you see how a box with a 4 pixel #A59DD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A59DD0; -webkit-box-shadow:4px 4px  
4px 4px #A59DD0; box-shadow:4px 4px 4px  
4px #A59DD0 }
```

# Background

The CSS property to change the background color of an element to Hex A59DD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A59DD0 }
```

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

```
.background{ background-color:#A59DD0 }
```

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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