

# Converting Colors

Hex(A59DD1)

Have a look what the booklet for  
Hex(A59DD1) contains.

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# Color

**Hex(A59DD1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A59DD1
RGB	165, 157, 209
RGB Percent	65%, 62%, 82%
CMY	0.3529, 0.3843, 0.1804
CMYK	0.21, 0.25, 0.00, 0.18
HSL	249°, 36%, 72%
HSV	249°, 25%, 82%
XYZ	39.0826, 36.7167, 65.3488
YIQ	165.3200, -11.9240, 17.8680

# Conversions

## Conversions Part 2

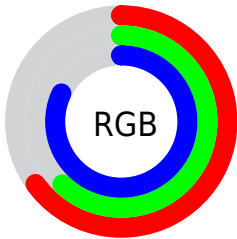
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 157, 209
Decimal	10853841
CIE <sub>Lab</sub>	67.06, 13.77, -25.49
CIE <sub>LCh</sub>	67, 28.972, 298.385
Yxy	36.7167, 0.2769, 0.2601
Android (android.graphics.Color)	4289043921 (0xFFFA59DD1)
YUV	165.3200, 21.5342, -0.2806
Hunter-Lab	60.5943, 9.0904, -21.5261

# Details

The Hex color **A59DD1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C9D19D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **DDD4FF**, and **706A9A** is the 20% darker color. If you saturate the color by 10%, you get **9388D1**, and if you desaturate by 10%, it is **B7B2D1**.

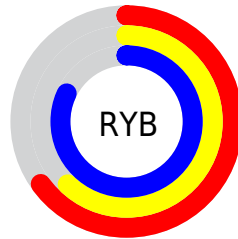
# Distribution



Red (65%)

Green (62%)

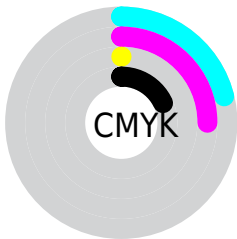
Blue (82%)



Red (65%)

Yellow (62%)

Blue (82%)

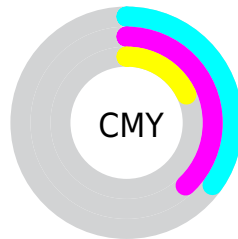


Cyan (21%)

Magenta (25%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (38%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A59DD1 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 A59DD1 by changing the saturation by 10% instead.



 A59DD1

 A59DD1

FFFFFF

 8A83B5

 DDD4FF

 706A9A

 F9F0FF

 575280

 3F3B67

 27254F

 0F1138

 000122

 000008

 000000

 A59DD1

 A59DD1

 9388D1

 B7B2D1

 8273D1

 C8C7D1

 705ED1

 DADCD1

 5E49D1

 ECF1D1

 4D35D1

 FDFFD1

 3B20D1

 FFFFD1

 290BD1

 2000D1

# Harmonies

## Analogous

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



7FA6D7



A59DD1



C394BF

# Triad

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



A59DD1



CC9878



60B2A1

# Complementary

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



A59DD1



C9D19D

# 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.



7DAF87



A59DD1



B7A16F

# Square

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



A59DD1



D7928C



9CA975



50B1BB

# Rectangle

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



A59DD1



D091AE



9CA975



69B198



# Sweetspot

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



A59DD1



F0EDFF



9DC9D1



777580



000000



808080



# Same Dimension

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



A59DD1



BEB3FF



BF9DD1



605E69



1A00A8



060029



# Inverse Universe

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



D19DC9



FFB3F3



AFD19D



695E67



A8008E

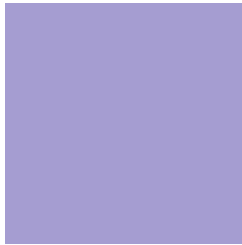


290023



# Previews

## White Background



This preview shows how the Hex color A59DD1 looks on a white background.

## Color Contrast Check

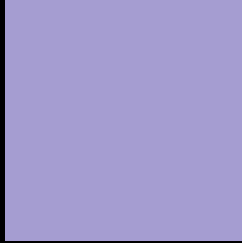
Large Text (above 18pt) WCAG AA × Fail

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 A59DD1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

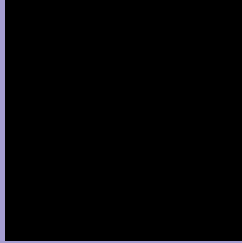
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A59DD1 Background



This preview shows how black text looks on a background with the Hex color A59DD1.

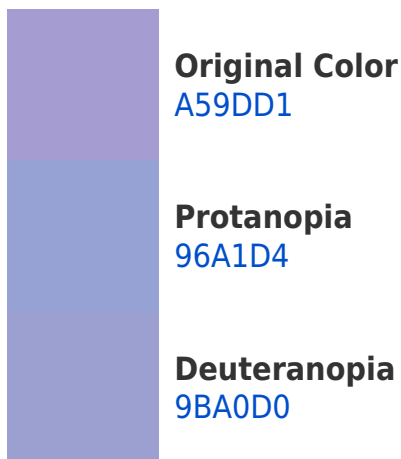


This preview shows how white text looks on a background with the Hex color A59DD1.

# 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](#).

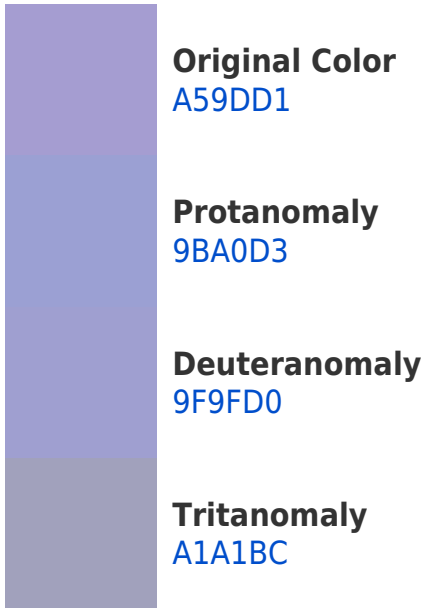
## Dichromacy



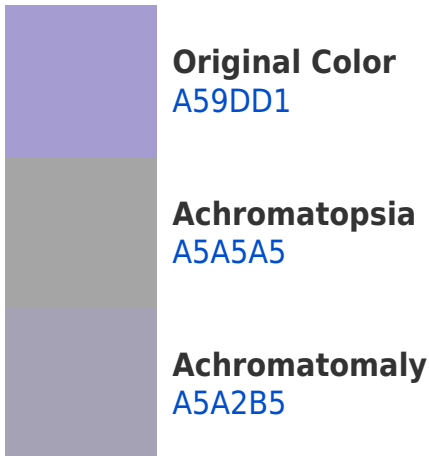


**Tritanopia**  
9FA3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A59DD1 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 #A59DD1 looks like.

```
.text, #text, p{  
    color:#A59DD1  
}
```

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 #A59DD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A59DD1
}
```

## Border

The CSS property to change the border of an element to Hex A59DD1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

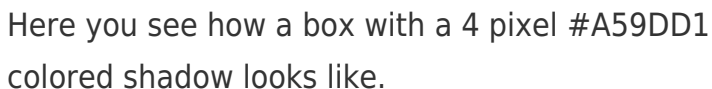
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A59DD1 }
```

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

```
.border{ border-color:#A59DD1 }
```

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



Here you see how a box with a 4 pixel `#A59DD1` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A59DD1; -webkit-box-shadow:4px 4px  
4px 4px #A59DD1; box-shadow:4px 4px 4px  
4px #A59DD1 }
```

# Background

The CSS property to change the background color of an element to Hex A59DD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A59DD1 }
```

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

```
.background{ background-color:#A59DD1 }
```

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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