

Converting Colors

Hex(A49DD2)

Have a look what the booklet for
Hex(A49DD2) contains.

Hex(A49DD2)	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(A49DD2)

Conversions

Conversions Part 1

Format	Color
Hex	A49DD2
RGB	164, 157, 210
RGB Percent	64%, 62%, 82%
CMY	0.3569, 0.3843, 0.1765
CMYK	0.22, 0.25, 0.00, 0.18
HSL	248°, 37%, 72%
HSV	248°, 25%, 82%
XYZ	38.9997, 36.6596, 65.9933
YIQ	165.1350, -12.8410, 17.9670

Conversions

Conversions Part 2

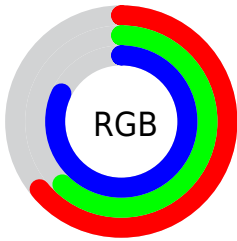
Format	Color
RYB	164, 157, 210
Decimal	10788306
CIELab	67.02, 13.70, -26.12
CIELCh	67, 29.490, 297.674
Yxy	36.6596, 0.2753, 0.2588
Android (android.graphics.Color)	4288978386 (0xFFA49DD2)
YUV	165.1350, 22.1184, -0.9954
Hunter-Lab	60.5472, 9.0180, -22.2400

Details

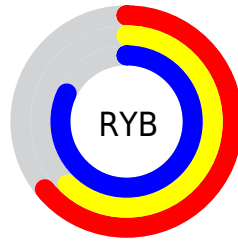
The Hex color **A49DD2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CBD29D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **DCD4FF**, and **6F6A9B** is the 20% darker color. If you saturate the color by 10%, you get **9288D2**, and if you desaturate by 10%, it is **B6B2D2**.

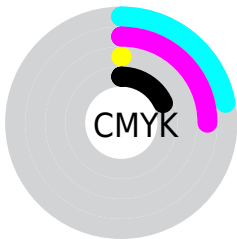
Distribution



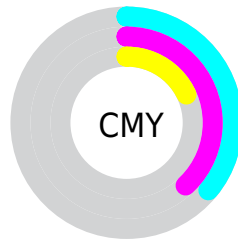
- Red (64%)
- Green (62%)
- Blue (82%)



- Red (64%)
- Yellow (62%)
- Blue (82%)



- Cyan (22%)
- Magenta (25%)
- Yellow (0%)
- Black (18%)



- Cyan (36%)
- Magenta (38%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color A49DD2 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 A49DD2 by changing the saturation by 10% instead.

 A49DD2

 A49DD2

FFFFFF

 8983B6

 DCD4FF

 6F6A9B

 F8F0FF

 565281

 3E3B68

 262550

 0D1138

 000123

 000009

 000000

 A49DD2

 A49DD2

 9288D2

 B6B2D2

 8073D2

 C8C7D2

 6D5ED2

 DBDCD2

 5B49D2

 EDF1D2

 4934D2

 FFFFD2

 371FD2

 240AD2

 1C00D2

Harmonies

Analogous

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



7DA6D8



A49DD2



C394C0

Triad

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



A49DD2



CD9877



5FB2A0

Complementary

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



A49DD2



CBD29D

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.



7DAF86



A49DD2



B8A16E

Square

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



A49DD2



D8918C



9CA973



4DB1BB

Rectangle

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



A49DD2



D190AF



9CA973



69B197

Sweetspot

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



A49DD2



EDEBFF



9DCCD2



747380



000000



808080

Same Dimension

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



A49DD2



BDB3FF



BE9DD2



5F5E69



1600A8



050029

Inverse Universe

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



D29DCB



FFB3F5



B1D29D



695E67



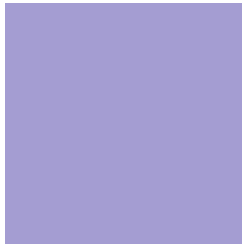
A80092



290023

Previews

White Background



This preview shows how the Hex color A49DD2 looks on a white background.

Color Contrast Check

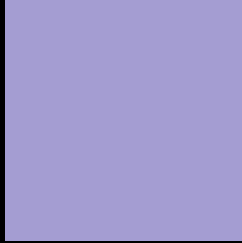
Large Text (above 18pt) WCAG AA × Fail

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 A49DD2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

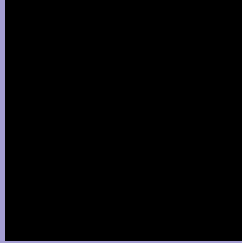
Any Text WCAG AA ✓ Pass

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 A49DD2 Background



This preview shows how black text looks on a background with the Hex color A49DD2.



This preview shows how white text looks on a background with the Hex color A49DD2.

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



Original Color
A49DD2

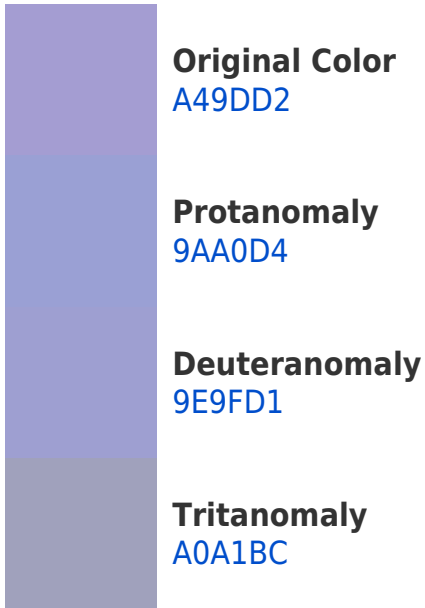
Protanopia
95A1D5

Deuteranopia
9AA0D1

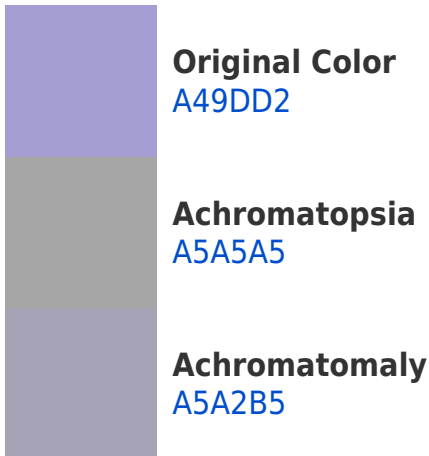


Tritanopia
9EA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A49DD2 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 #A49DD2 looks like.

```
.text, #text, p{  
    color:#A49DD2  
}
```

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 #A49DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A49DD2
}
```

Border

The CSS property to change the border of an element to Hex A49DD2 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
#A49DD2 }
```

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

```
.border{ border-color:#A49DD2 }
```

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

Here you see how a box with a 4 pixel #A49DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A49DD2; -webkit-box-shadow:4px 4px  
4px 4px #A49DD2; box-shadow:4px 4px 4px  
4px #A49DD2 }
```

Background

The CSS property to change the background color of an element to Hex A49DD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A49DD2 }
```

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

```
.background{ background-color:#A49DD2 }
```

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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