

# Converting Colors

Hex(A795D9)

Have a look what the booklet for  
Hex(A795D9) contains.

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# **Color**

**Hex(A795D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A795D9
RGB	167, 149, 217
RGB Percent	65%, 58%, 85%
CMY	0.3451, 0.4157, 0.1490
CMYK	0.23, 0.31, 0.00, 0.15
HSL	256°, 47%, 72%
HSV	256°, 31%, 85%
XYZ	39.2082, 34.7201, 70.2808
YIQ	162.1340, -11.1000, 24.9640

# Conversions

## Conversions Part 2

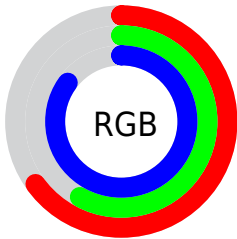
<b>Format</b>	<b>Color</b>
<b>RYB</b>	167, 149, 217
Decimal	10982873
CIELab	65.53, 20.78, -32.28
CIELCh	66, 38.387, 302.778
Yxy	34.7201, 0.2719, 0.2408
Android (android.graphics.Color)	4289172953 (0xFFA795D9)
YUV	162.1340, 27.0489, 4.2675
Hunter-Lab	58.9238, 15.6581, -29.4709

# Details

The Hex color **A795D9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C7D995**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **DFCBFF**, and **7262A2** is the 20% darker color. If you saturate the color by 10%, you get **977FD9**, and if you desaturate by 10%, it is **B7ABD9**.

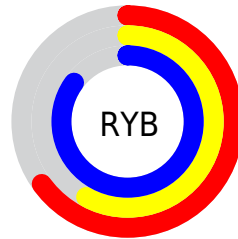
# Distribution



Red (65%)

Green (58%)

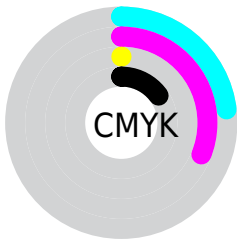
Blue (85%)



Red (65%)

Yellow (58%)

Blue (85%)

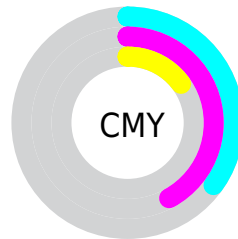


Cyan (23%)

Magenta (31%)

Yellow (0%)

Black (15%)



Cyan (35%)

Magenta (42%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A795D9 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 A795D9 by changing the saturation by 10% instead.



 A795D9

 A795D9

FFFFFF

 8C7BBD

 DFCBFF

 7262A2

 FCE7FF

 584A87

 3F336E

 261E55

 0D083E

 000127

 000111

 000000

 A795D9

 A795D9

 977FD9

 B7ABD9

 876AD9

 C7C0D9

 7754D9

 D7D6D9

 673ED9

 E7ECD9

 5729D9

 F7FFD9

 4713D9

 FFFFD9

 3900D9

# Harmonies

## Analogous

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



71A1E3



A795D9



CD89BF

# Triad

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



A795D9



CF9263



2DB1A1

# Complementary

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



A795D9



C7D995

# 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.



64AF7F



A795D9



B29E59

# Square

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



A795D9



DF887C



8EA864



00B0C3

# Rectangle

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



A795D9



DC85A9



8EA864



42B195



# Sweetspot

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



A795D9



EEE8FF



95C8D9



757180



000000



808080



# Same Dimension

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



A795D9



B89EFF



C895D9



66636E



2E00AD



0C002E



# Inverse Universe

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



D995C7



FF9EE5



A6D995



6E636B



AD0080

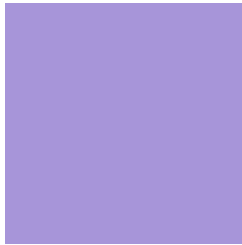


2E0022



# Previews

## White Background



This preview shows how the Hex color A795D9 looks on a white background.

## Color Contrast Check

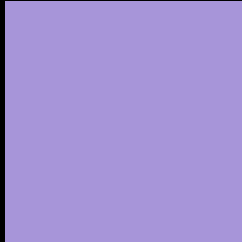
Large Text (above 18pt) WCAG AA × Fail

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 A795D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

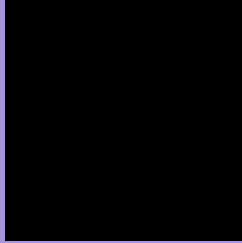
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A795D9 Background



This preview shows how black text looks on a background with the Hex color A795D9.

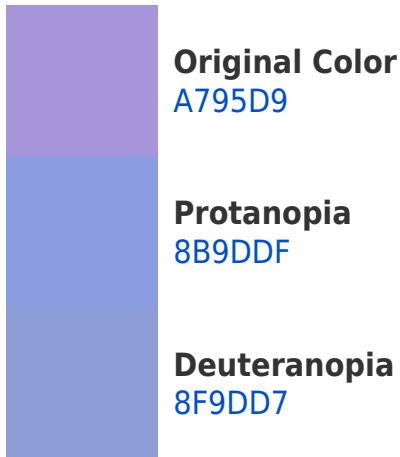


This preview shows how white text looks on a background with the Hex color A795D9.

# 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](#).

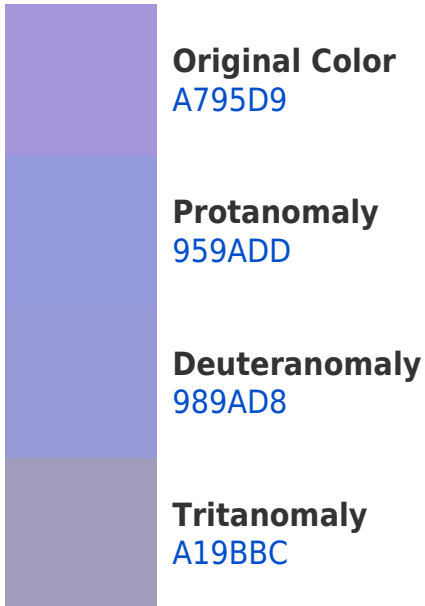
## Dichromacy



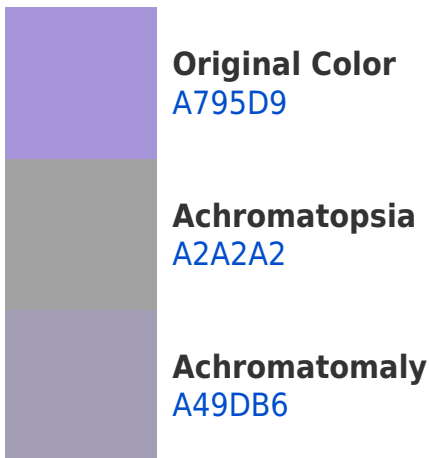


**Tritanopia**  
9E9EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A795D9 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 #A795D9 looks like.

```
.text, #text, p{  
    color:#A795D9  
}
```

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 #A795D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A795D9
}
```

## Border

The CSS property to change the border of an element to Hex A795D9 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
#A795D9 }
```

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

```
.border{ border-color:#A795D9 }
```

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

Here you see how a box with a 4 pixel #A795D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A795D9; -webkit-box-shadow:4px 4px  
4px 4px #A795D9; box-shadow:4px 4px 4px  
4px #A795D9 }
```

# Background

The CSS property to change the background color of an element to Hex A795D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A795D9 }
```

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

```
.background{ background-color:#A795D9 }
```

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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