

# Converting Colors

Hex(799DAD)

Have a look what the booklet for  
Hex(799DAD) contains.

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# **Color**

**Hex(799DAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	799DAD
RGB	121, 157, 173
RGB Percent	47%, 62%, 68%
CMY	0.5255, 0.3843, 0.3216
CMYK	0.30, 0.09, 0.00, 0.32
HSL	198°, 24%, 58%
HSV	198°, 30%, 68%
XYZ	27.4850, 31.1960, 44.1080
YIQ	148.0600, -26.5920, -2.6560

# Conversions

## Conversions Part 2

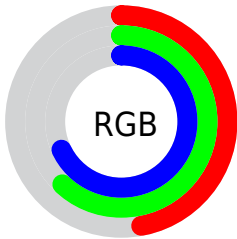
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">121, 142, 173</a>
Decimal	<a href="#">7970221</a>
CIELab	<a href="#">62.67, -8.47, -12.34</a>
CIElCh	<a href="#">63, 14.967, 235.549</a>
Yxy	<a href="#">31.1960, 0.2674, 0.3035</a>
Android (android.graphics.Color)	<a href="#">4286160301 (0xFF799DAD)</a>
YUV	<a href="#">148.0600, 12.2954, -23.7316</a>
Hunter-Lab	<a href="#">55.8534, -9.9052, -7.7245</a>

# Details

The Hex color **799DAD** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AD8979**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **AFD4E4**, and **466A79** is the 20% darker color. If you saturate the color by 10%, you get **6898AD**, and if you desaturate by 10%, it is **8AA2AD**.

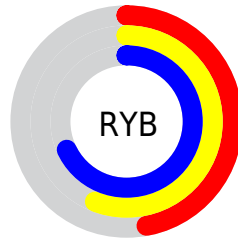
# Distribution



Red (47%)

Green (62%)

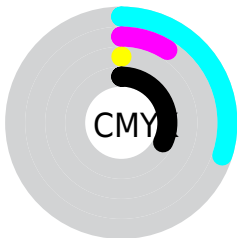
Blue (68%)



Red (47%)

Yellow (56%)

Blue (68%)

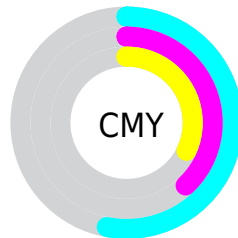


Cyan (30%)

Magenta (9%)

Yellow (0%)

Black (32%)



Cyan (53%)

Magenta (38%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 799DAD 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 799DAD by changing the saturation by 10% instead.



 799DAD

 799DAD

FFFFFF

 5F8392

 AFD4E4

 466A79

 CAF0FF

 2E5260

 E7FFFF

 143B48

 002532

 00101D

 000000

 799DAD

 799DAD

 6898AD

 8AA2AD

■ 5692AD

■ 9CA8AD

■ 458DAD

■ ADADAD

■ 3488AD

■ BEB2AD

■ 2282AD

■ D0B8AD

■ 117DAD

■ E1BDAD

■ 0078AD

■ F2C2AD

■ FFC8AD

■ FFCDAD

# Harmonies

## Analogous

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



759FA2



799DAD



8699B2

# Triad

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



799DAD



B18F9A



969A80

# Complementary

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



799DAD



AD8979

# 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.



A4967D



799DAD



B48F8D

# Square

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



799DAD



A791A7



AF9282



879E88

# Rectangle

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



799DAD



9296B1



AF9282



9B997E



# Sweetspot

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



799DAD



CCDAE0



79AD89



646C70



F0F0F0



707070



# Same Dimension

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



799DAD



90C8E0



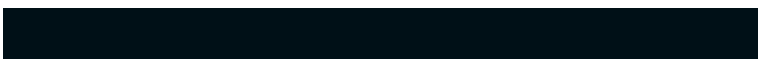
7983AD



4E5457



006896



001017



# Inverse Universe

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



AD799D



E090C8



ADA379



574E54



960068



170010



# Previews

## White Background



This preview shows how the Hex color 799DAD looks on a white background.

## Color Contrast Check

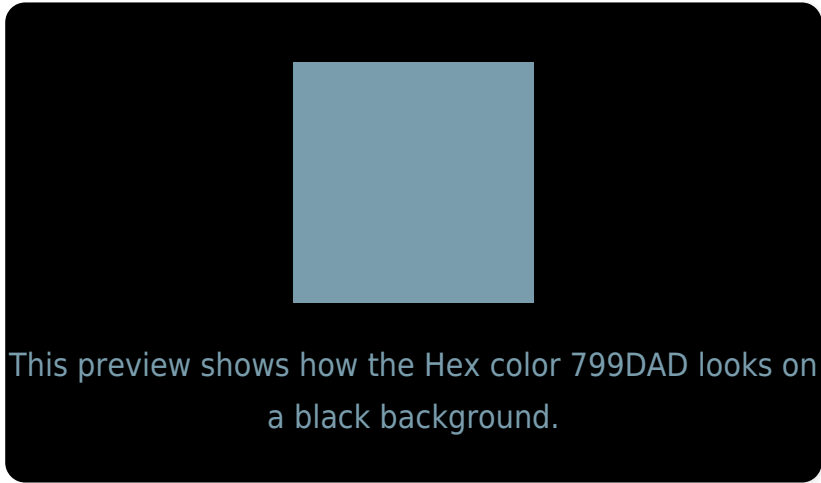
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

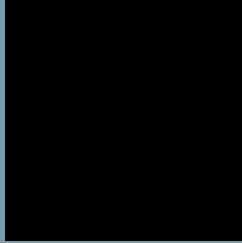
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

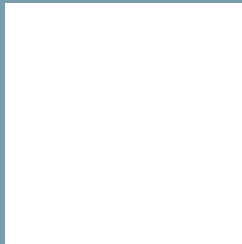
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 799DAD Background



This preview shows how black text looks on a background with the Hex color 799DAD.

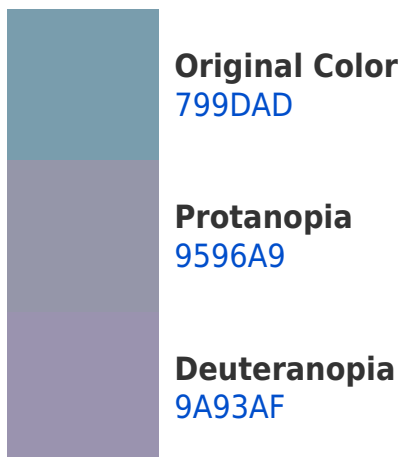


This preview shows how white text looks on a background with the Hex color 799DAD.

# Color Blindness Simulation

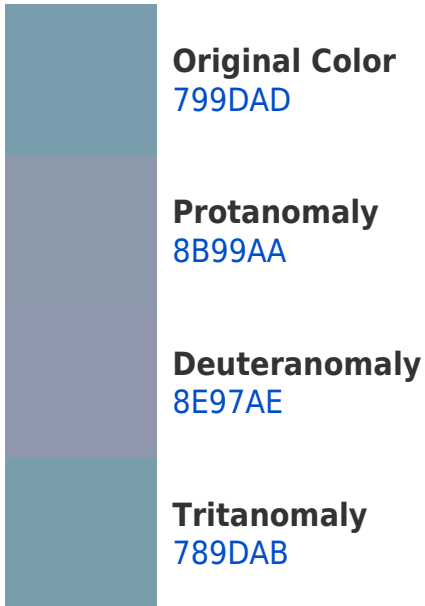
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

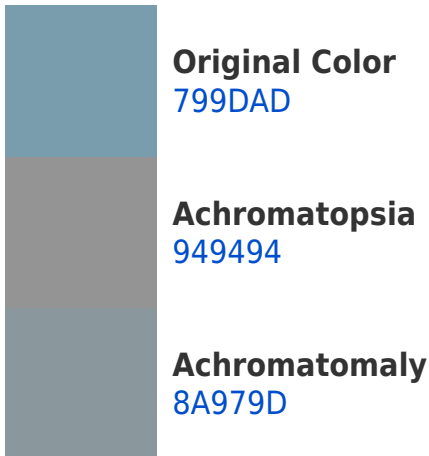




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 799DAD 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 #799DAD looks like.

```
.text, #text, p{  
    color:#799DAD  
}
```

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 #799DAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #799DAD
}
```

## Border

The CSS property to change the border of an element to Hex 799DAD 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
#799DAD }
```

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

```
.border{ border-color:#799DAD }
```

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

Here you see how a box with a 4 pixel #799DAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #799DAD; -webkit-box-shadow:4px 4px  
4px 4px #799DAD; box-shadow:4px 4px 4px  
4px #799DAD }
```

# Background

The CSS property to change the background color of an element to Hex 799DAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#799DAD }
```

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

```
.background{ background-color:#799DAD }
```

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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