

# Converting Colors

Hex(7D579A)

Have a look what the booklet for  
Hex(7D579A) contains.

<b>Hex(7D579A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(7D579A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D579A
RGB	125, 87, 154
RGB Percent	49%, 34%, 60%
CMY	0.5098, 0.6588, 0.3961
CMYK	0.19, 0.44, 0.00, 0.40
HSL	274°, 28%, 47%
HSV	274°, 44%, 60%
XYZ	17.6984, 13.5095, 32.2466
YIQ	106.0000, 1.1410, 28.8930

# Conversions

## Conversions Part 2

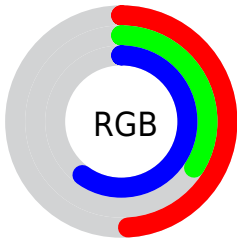
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">125, 87, 154</a>
Decimal	<a href="#">8214426</a>
CIELab	<a href="#">43.52, 28.96, -30.69</a>
CIElCh	<a href="#">44, 42.199, 313.341</a>
Yxy	<a href="#">13.5095, 0.2789, 0.2129</a>
Android (android.graphics.Color)	<a href="#">4286404506 (0xFF7D579A)</a>
YUV	<a href="#">106.0000, 23.6640, 16.6630</a>
Hunter-Lab	<a href="#">36.7552, 21.6297, -26.2885</a>

# Details

The Hex color **7D579A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **749A57**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **B38AD1**, and **4A2866** is the 20% darker color. If you saturate the color by 10%, you get **76489A**, and if you desaturate by 10%, it is **84669A**.

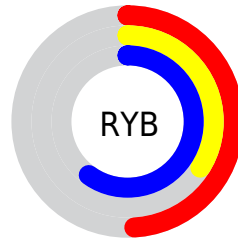
# Distribution



Red (49%)

Green (34%)

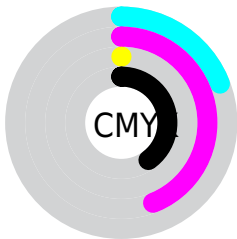
Blue (60%)



Red (49%)

Yellow (34%)

Blue (60%)

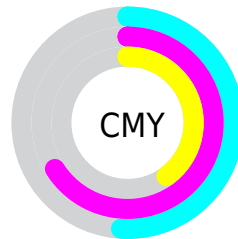


Cyan (19%)

Magenta (44%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (66%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D579A 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 7D579A by changing the saturation by 10% instead.



7D579A

7D579A

FFFFFF

633F80

B38AD1

4A2866

CFA4ED

32124E

EBBFFF

1C0037

FFDBFF

000121

FFF8FF

000006

000000

7D579A

7D579A

76489A

84669A

70389A

8A769A

69299A

91859A

62199A

98959A

5C0A9A

9EA49A

57009A

A5B39A

ACC39A

B2D29A

B9E29A

# Harmonies

## Analogous

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



4365AB



7D579A



9D4A7C

# Triad

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



7D579A



8A5E21



007876

# Complementary

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



7D579A



749A57

# 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.



007752



7D579A



6B6A1D

# Square

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



7D579A



A05038



447231



007696

# Rectangle

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



7D579A



A64764



447231



00786A



# Sweetspot

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



7D579A



BEAFC9



57749A



5F5666



E6E6E6



666666



# Same Dimension

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



7D579A



9C61C9



9A5796



49454D



50008C



07000D



# Inverse Universe

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



9A5774



C9618E



579A5B



4D4548



8C003D

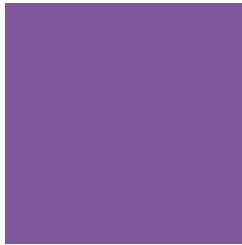


0D0006



# Previews

## White Background



This preview shows how the Hex color 7D579A looks on a white background.

## Color Contrast Check

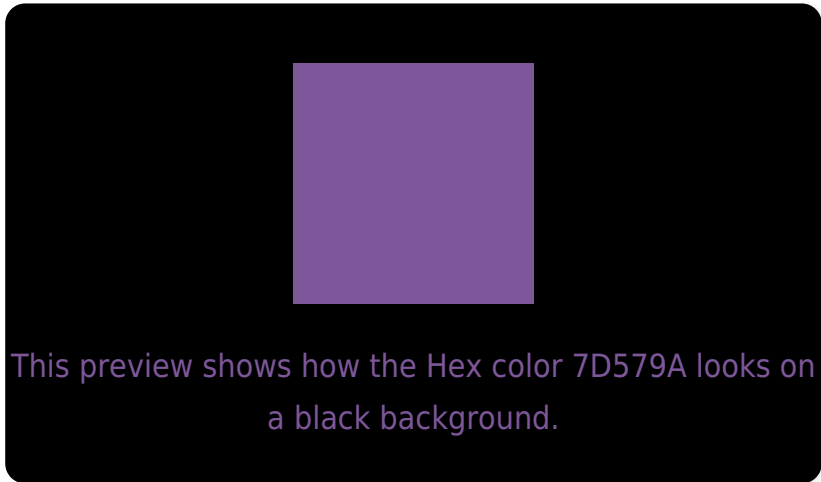
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

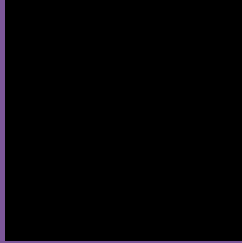
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D579A Background



This preview shows how black text looks on a background with the Hex color 7D579A.

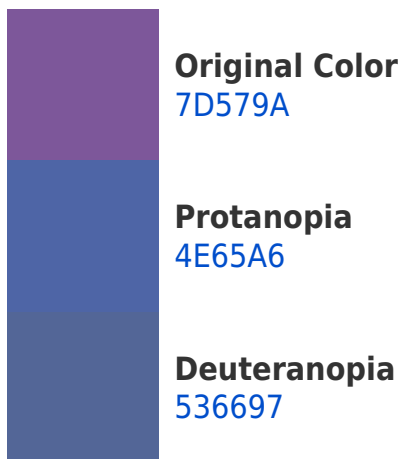


This preview shows how white text looks on a background with the Hex color 7D579A.

# 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**  
756269

# Trichromacy



**Original Color**  
7D579A

**Protanomaly**  
5F60A2

**Deuteranomaly**  
626198

**Tritanomaly**  
785E7B

# Monochromacy



**Original Color**  
7D579A

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
71637B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D579A 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 #7D579A looks like.

```
.text, #text, p{  
    color:#7D579A  
}
```

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 #7D579A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D579A
}
```

## Border

The CSS property to change the border of an element to Hex 7D579A is called "border". The border property can be set on classes, ids or directly on the HTML element.

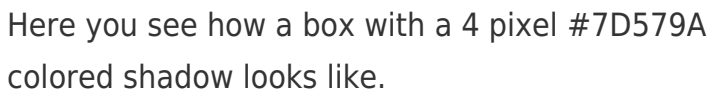
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D579A }
```

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

```
.border{ border-color:#7D579A }
```

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



Here you see how a box with a 4 pixel #7D579A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D579A; -webkit-box-shadow:4px 4px  
4px 4px #7D579A; box-shadow:4px 4px 4px  
4px #7D579A }
```

# Background

The CSS property to change the background color of an element to Hex 7D579A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D579A }
```

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

```
.background{ background-color:#7D579A }
```

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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