

# Converting Colors

Hex(79789D)

Have a look what the booklet for  
Hex(79789D) contains.

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# Color

**Hex(79789D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79789D
RGB	121, 120, 157
RGB Percent	47%, 47%, 62%
CMY	0.5255, 0.5294, 0.3843
CMYK	0.23, 0.24, 0.00, 0.38
HSL	242°, 16%, 54%
HSV	242°, 24%, 62%
XYZ	20.6874, 19.9322, 34.6552
YIQ	124.5170, -11.2810, 11.7190

# Conversions

## Conversions Part 2

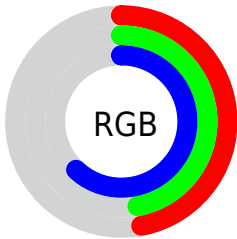
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 120, 157
Decimal	7960733
CIE Lab	51.76, 8.69, -19.72
CIE LCh	52, 21.555, 293.785
Yxy	19.9322, 0.2748, 0.2648
Android (android.graphics.Color)	4286150813 (0xFF79789D)
YUV	124.5170, 16.0141, -3.0844
Hunter-Lab	44.6455, 4.5821, -14.7709

# Details

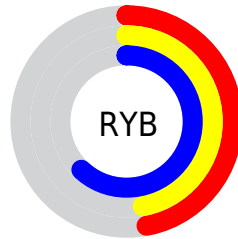
The Hex color **79789D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9C9D78**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **AEACD4**, and **48486A** is the 20% darker color. If you saturate the color by 10%, you get **6A689D**, and if you desaturate by 10%, it is **88889D**.

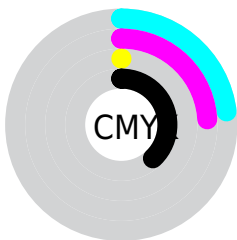
# Distribution



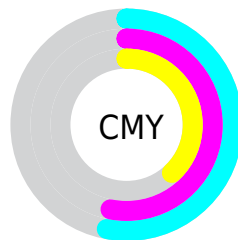
- Red (47%)
- Green (47%)
- Blue (62%)



- Red (47%)
- Yellow (47%)
- Blue (62%)



- Cyan (23%)
- Magenta (24%)
- Yellow (0%)
- Black (38%)



- Cyan (53%)
- Magenta (53%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79789D 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 79789D by changing the saturation by 10% instead.



■ 79789D

■ 79789D

FFFFFF

■ 605F83

■ AEACD4

■ 48486A

■ C9C8F0

■ 303151

■ E6E4FF

■ 1A1C3A

■ 040225

■ 00010D

■ 000000

■ 79789D

■ 79789D

■ 6A689D

■ 88889D

■ 5A599D

■ 98979D

■ 4B499D

■ A7A79D

■ 3C399D

■ B6B79D

■ 2D299D

■ C5C69D

■ 1D1A9D

■ D5D69D

■ 0E0A9D

■ E4E69D

■ 04009D

■ F3F69D

■ FFFF9D

# Harmonies

## Analogous

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



5F7EA0



79789D



8F7291

# Triad

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



79789D



9A735E



508577

# Complementary

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



79789D



9C9D78

# 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.



648365



79789D



8C7957

# Square

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



79789D



A16F6D



797F59



44858A

# Rectangle

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



79789D



9A6F86



797F59



568570



# Sweetspot

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



79789D



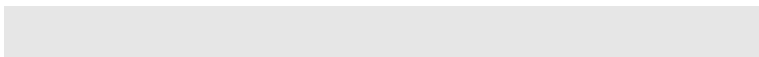
BEBECC



789C9D



5E5E66



E6E6E6



666666



# Same Dimension

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



79789D



9493CC



8B789D



47474F



04008F



00000F



# Inverse Universe

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



9D789C



CC93CA



8A9D78



4F474F



8F008B



0F000F



# Previews

## White Background



This preview shows how the Hex color 79789D looks on a white background.

## Color Contrast Check

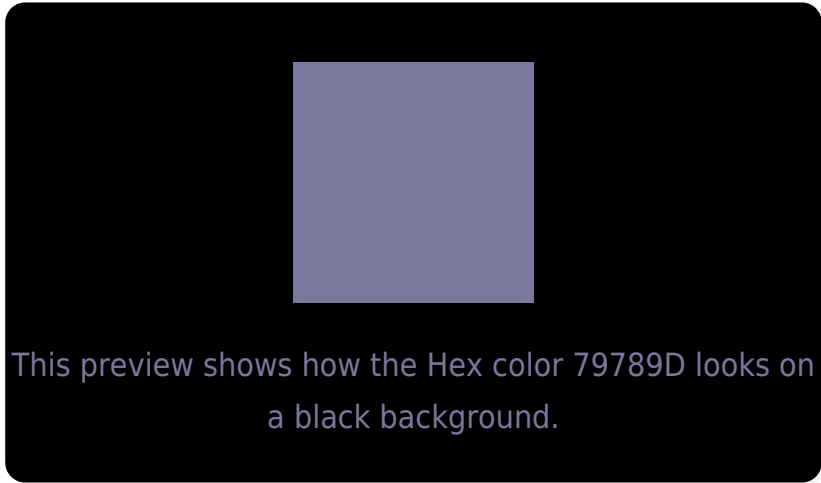
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

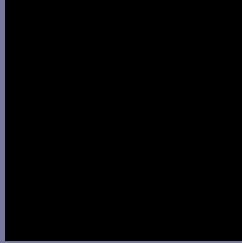
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 79789D Background



This preview shows how black text looks on a background with the Hex color 79789D.



This preview shows how white text looks on a background with the Hex color 79789D.

# 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**

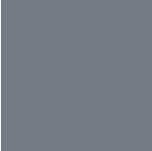
79789D

**Protanopia**

727A9E

**Deuteranopia**

76799D



**Tritanopia**  
757C86

# Trichromacy



**Original Color**  
79789D

**Protanomaly**  
75799E

**Deuteranomaly**  
77799D

**Tritanomaly**  
767B8E

# Monochromacy



**Original Color**  
79789D

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7C7B89

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79789D 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 #79789D looks like.

```
.text, #text, p{  
    color:#79789D  
}
```

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 #79789D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79789D
}
```

## Border

The CSS property to change the border of an element to Hex 79789D 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
#79789D }
```

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

```
.border{ border-color:#79789D }
```

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

Here you see how a box with a 4 pixel #79789D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79789D; -webkit-box-shadow:4px 4px  
4px 4px #79789D; box-shadow:4px 4px 4px  
4px #79789D }
```

# Background

The CSS property to change the background color of an element to Hex 79789D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79789D }
```

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

```
.background{ background-color:#79789D }
```

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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