

# Converting Colors

Hex(795981)

Have a look what the booklet for  
Hex(795981) contains.

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# Color

**Hex(795981)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	795981
RGB	121, 89, 129
RGB Percent	47%, 35%, 51%
CMY	0.5255, 0.6510, 0.4941
CMYK	0.06, 0.31, 0.00, 0.49
HSL	288°, 18%, 43%
HSV	288°, 31%, 51%
XYZ	15.4200, 12.7947, 22.4258
YIQ	103.1280, 6.2320, 19.2240

# Conversions

## Conversions Part 2

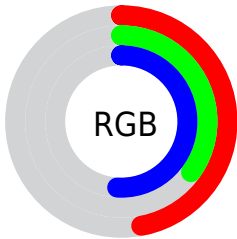
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 89, 129
Decimal	7952769
CIE <sub>Lab</sub>	42.45, 20.75, -17.33
CIE <sub>LCh</sub>	42, 27.037, 320.130
Yxy	12.7947, 0.3045, 0.2527
Android (android.graphics.Color)	4286142849 (0xFF795981)
YUV	103.1280, 12.7549, 15.6737
Hunter-Lab	35.7697, 14.3529, -12.1331

# Details

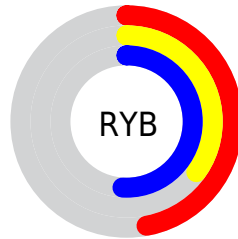
The Hex color **795981** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **618159**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **AE8BB6**, and **482B50** is the 20% darker color. If you saturate the color by 10%, you get **764C81**, and if you desaturate by 10%, it is **7C6681**.

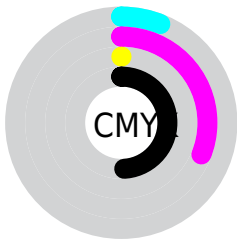
# Distribution



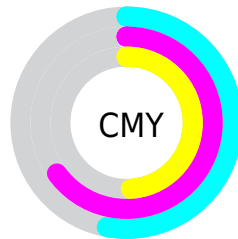
- Red (47%)
- Green (35%)
- Blue (51%)



- Red (47%)
- Yellow (35%)
- Blue (51%)



- Cyan (6%)
- Magenta (31%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (65%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 795981 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 795981 by changing the saturation by 10% instead.



■ 795981

■ 795981

FFFFFF

■ 604168

■ AE8BB6

■ 482B50

■ C9A6D2

■ 301539

■ E6C1EE

■ 1D0023

■ FFDDFF

■ 00000B

■ FFFAFF

■ 000000

■ 795981

■ 795981

■ 764C81

■ 7C6681

■ 743F81

■ 7E7381

713281

818081

6F2581

838D81

6C1881

869A81

6A0C81

88A681

670081

8BB381

8EC081

90CD81

# Harmonies

## Analogous

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



5C618E



795981



8B536D

# Triad

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



795981



796038



007073

# Complementary

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



795981



618159

# 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.



2C705C



795981



646839

# Square

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



795981



895943



4A6D47



006E86

# Rectangle

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



795981



8F535D



4A6D47



11706B



# Sweetspot

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



795981



A599A8



596181



524B54



D4D4D4



545454



# Same Dimension

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



795981



9C6AA8



815975



3E3940



660080



000000



# Inverse Universe

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



815961



A86A76



598165



40393B



800019

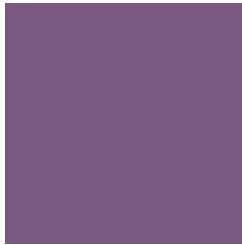


000000



# Previews

## White Background



This preview shows how the Hex color 795981 looks on a white background.

## Color Contrast Check

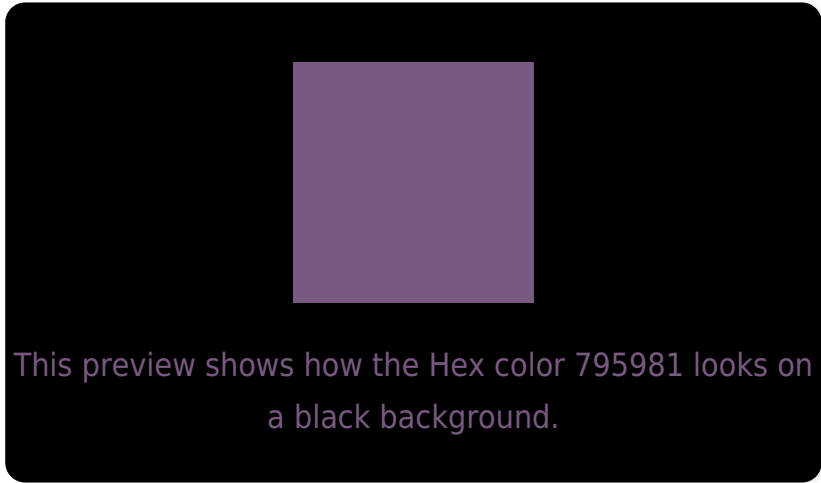
Large Text (above 18pt) WCAG AA ✓ Pass

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

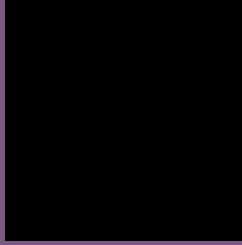
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 795981 Background



This preview shows how black text looks on a background with the Hex color 795981.

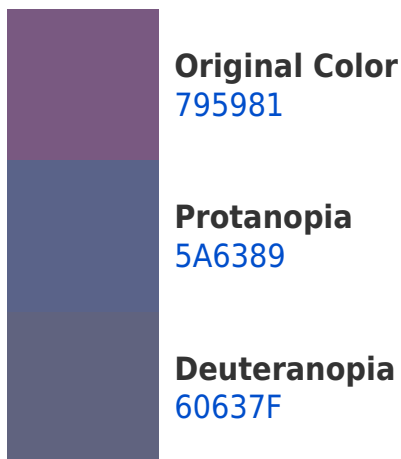



This preview shows how white text looks on a background with the Hex color 795981.

# 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**  
755E66

# Trichromacy



**Original Color**  
795981

**Protanomaly**  
655F86

**Deuteranomaly**  
695F80

**Tritanomaly**  
765C70

# Monochromacy



**Original Color**  
795981

**Achromatopsia**  
676767

**Achromatomaly**  
6E6270

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 795981 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 #795981 looks like.

```
.text, #text, p{  
    color:#795981  
}
```

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 #795981 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795981
}
```

## Border

The CSS property to change the border of an element to Hex 795981 is called "border". The border property can be set on classes, ids or directly on the HTML element.

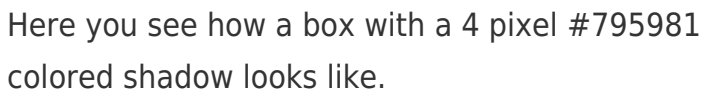
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#795981 }
```

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

```
.border{ border-color:#795981 }
```

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



Here you see how a box with a 4 pixel #795981 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795981; -webkit-box-shadow:4px 4px  
4px 4px #795981; box-shadow:4px 4px 4px  
4px #795981 }
```

# Background

The CSS property to change the background color of an element to Hex 795981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795981 }
```

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

```
.background{ background-color:#795981 }
```

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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