

Converting Colors

Hex(796991)

Have a look what the booklet for
Hex(796991) contains.

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Color

Hex(796991)

Conversions

Conversions Part 1

Format	Color
Hex	796991
RGB	121, 105, 145
RGB Percent	47%, 41%, 57%
CMY	0.5255, 0.5882, 0.4314
CMYK	0.17, 0.28, 0.00, 0.43
HSL	264°, 16%, 49%
HSV	264°, 28%, 57%
XYZ	18.0476, 16.2124, 28.9662
YIQ	114.3440, -3.3040, 15.8320

Conversions

Conversions Part 2

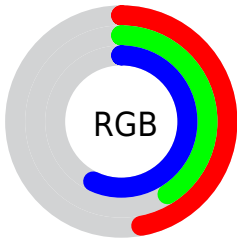
Format	Color
RYB	121, 105, 145
Decimal	7956881
CIELab	47.25, 14.75, -19.57
CIELCh	47, 24.508, 306.993
Yxy	16.2124, 0.2854, 0.2564
Android (android.graphics.Color)	4286146961 (0xFF796991)
YUV	114.3440, 15.1134, 5.8373
Hunter-Lab	40.2647, 9.5447, -14.4676

Details

The Hex color **796991** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **819169**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **AE9CC7**, and **483A5E** is the 20% darker color. If you saturate the color by 10%, you get **705B91**, and if you desaturate by 10%, it is **827791**.

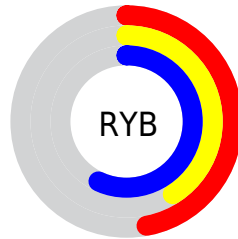
Distribution



Red (47%)

Green (41%)

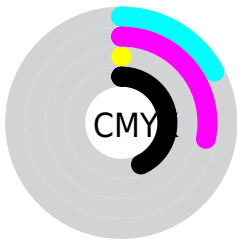
Blue (57%)



Red (47%)

Yellow (41%)

Blue (57%)

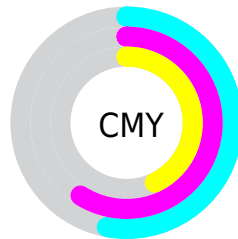


Cyan (17%)

Magenta (28%)

Yellow (0%)

Black (43%)



Cyan (53%)

Magenta (59%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 796991 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 796991 by changing the saturation by 10% instead.

■ 796991

■ 796991

FFFFFF

■ 605177

■ AE9CC7

■ 483A5E

■ C9B7E3

■ 312447

■ E6D3FF

■ 1B1030

■ FFEFFF

■ 00001B

■ 000000

■ 796991

■ 796991

■ 705B91

■ 827791

■ 684C91

■ 8A8691

5F3E91

939491

562F91

9CA391

4D2191

A5B191

451291

ADC091

3C0491

B6CF91

3A0091

BFDD91

C7EB91

Harmonies

Analogous

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



5B7099



796991



8E6381

Triad

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



796991



8C694B



337B74

Complementary

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



796991



819169

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.



4A7A5F



796991



797047

Square

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



796991



976358



63764F



287A88

Rectangle

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



796991



966173



63764F



3A7B6D

Sweetspot

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



796991



B4AEBD



698191



59555E



DEDEDE



5E5E5E

Same Dimension

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



796991



977EBD



8D6991



434047



360087



030008

Inverse Universe

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



916981



BD7EA4



6D9169



474045



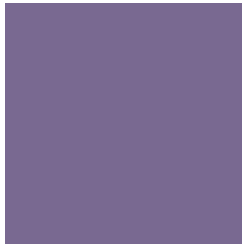
870051



080005

Previews

White Background



This preview shows how the Hex color 796991 looks on a white background.

Color Contrast Check

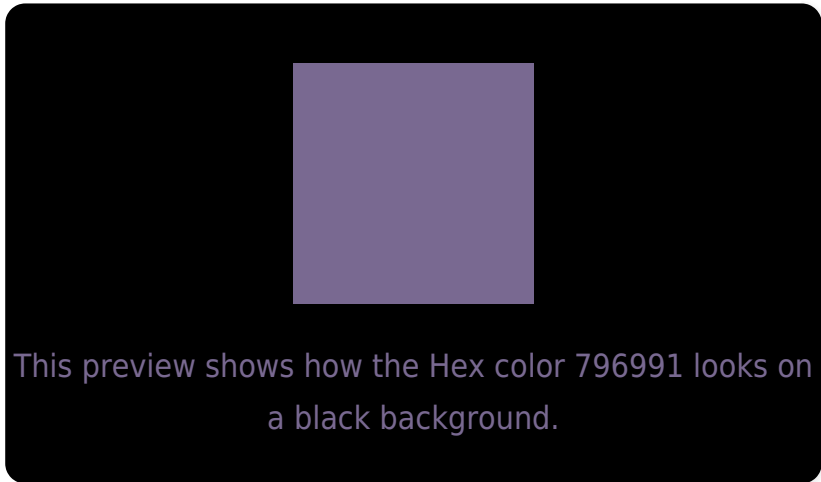
Large Text (above 18pt) WCAG AA ✓ Pass

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

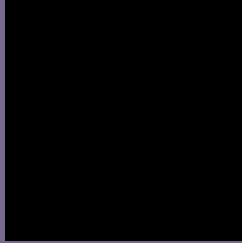
Any Text WCAG AA × Fail

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 796991 Background



This preview shows how black text looks on a background with the Hex color 796991.

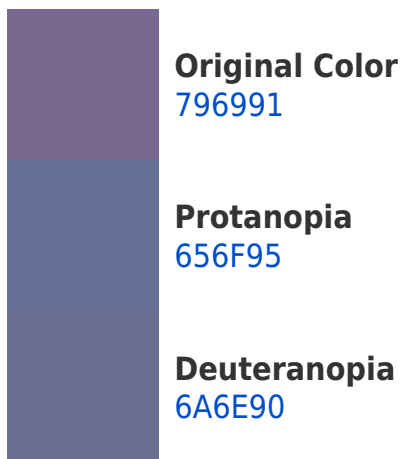


This preview shows how white text looks on a background with the Hex color 796991.

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
756E77

Trichromacy



Original Color
796991

Protanomaly
6C6D94

Deuteranomaly
6F6C90

Tritanomaly
766C80

Monochromacy



Original Color
796991

Achromatopsia
727272

Achromatomaly
756F7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 796991 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 #796991 looks like.

```
.text, #text, p{  
    color:#796991  
}
```

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 #796991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796991
}
```

Border

The CSS property to change the border of an element to Hex 796991 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".

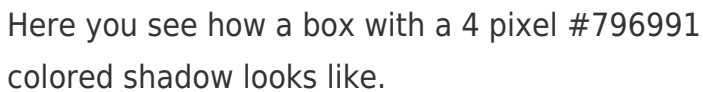
```
.border, #border, table{ border:4px solid
#796991 }
```

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

```
.border{ border-color:#796991 }
```

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

Here you see how a box with a 4 pixel #796991 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border and a thicker purple shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796991; -webkit-box-shadow:4px 4px  
4px 4px #796991; box-shadow:4px 4px 4px  
4px #796991 }
```

Background

The CSS property to change the background color of an element to Hex 796991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796991 }
```

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

```
.background{ background-color:#796991 }
```

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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