

Converting Colors

Hex(796996)

Have a look what the booklet for
Hex(796996) contains.

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Color

Hex(796996)

Conversions

Conversions Part 1

Format	Color
Hex	796996
RGB	121, 105, 150
RGB Percent	47%, 41%, 59%
CMY	0.5255, 0.5882, 0.4118
CMYK	0.19, 0.30, 0.00, 0.41
HSL	261°, 18%, 50%
HSV	261°, 30%, 59%
XYZ	18.4418, 16.3701, 31.0419
YIQ	114.9140, -4.9090, 17.3870

Conversions

Conversions Part 2

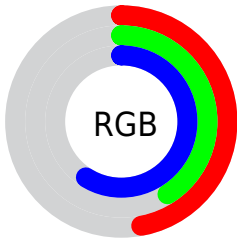
Format	Color
R_{YB}	121, 105, 150
Decimal	7956886
CIE Lab	47.46, 15.94, -22.22
CIE LCh	47, 27.351, 305.655
Yxy	16.3701, 0.2800, 0.2486
Android (android.graphics.Color)	4286146966 (0xFF796996)
YUV	114.9140, 17.2974, 5.3374
Hunter-Lab	40.4600, 10.5557, -17.1668

Details

The Hex color **796996** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **869669**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AE9CCC**, and **473A63** is the 20% darker color. If you saturate the color by 10%, you get **6F5A96**, and if you desaturate by 10%, it is **837896**.

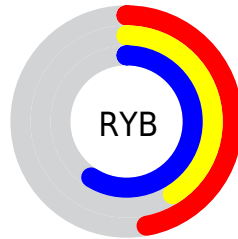
Distribution



Red (47%)

Green (41%)

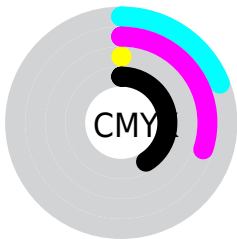
Blue (59%)



Red (47%)

Yellow (41%)

Blue (59%)

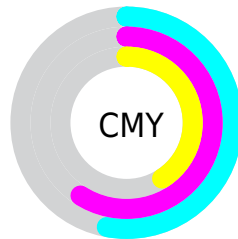


Cyan (19%)

Magenta (30%)

Yellow (0%)

Black (41%)



Cyan (53%)

Magenta (59%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 796996 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 796996 by changing the saturation by 10% instead.

■ 796996

■ 796996

FFFFFF

■ 60517C

■ AE9CCC

■ 473A63

■ CAB7E9

■ 30244B

■ E6D3FF

■ 1A1034

■ FFEFFF

■ 00001F

■ 000001

■ 000000

■ 796996

■ 796996

■ 6F5A96

■ 837896

664B96

8C8796

5C3C96

969696

522D96

A0A596

491E96

A9B496

3F0F96

B3C396

350096

BDD296

C6E196

D0F096

Harmonies

Analogous

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



57719E



796996



916284

Triad

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



796996



8F6947



287D74

Complementary

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



796996



869669

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.



477B5D



796996



7C7142

Square

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



796996



9C6257



63774A



117C8B

Rectangle

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



796996



9A5F75



63774A



327D6C

Sweetspot

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



796996



B7B0C2



698696



5A5661



E0E0E0



616161

Same Dimension

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



796996



957CC2



8F6996



45434A



31008A



04000A

Inverse Universe

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



966986



C27CA9



709669



4A4347



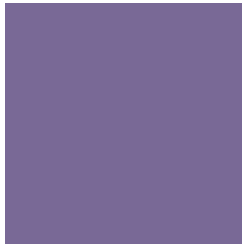
8A0059



0A0007

Previews

White Background



This preview shows how the Hex color 796996 looks on a white background.

Color Contrast Check

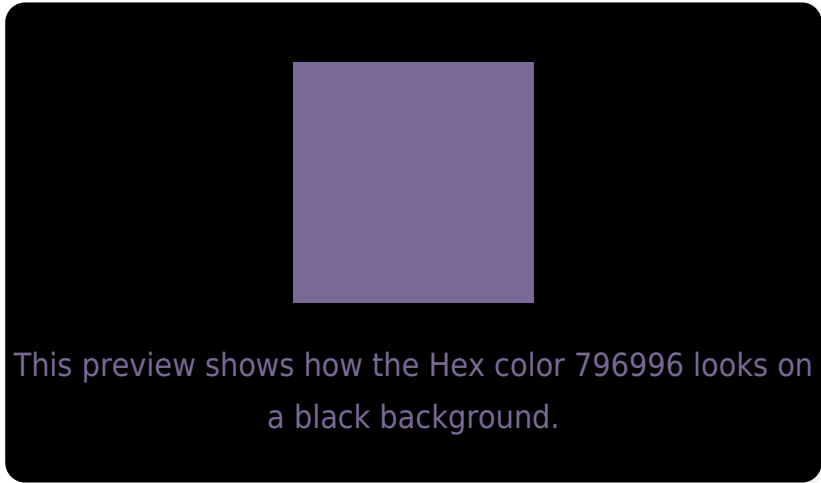
Large Text (above 18pt) WCAG AA ✓ Pass

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

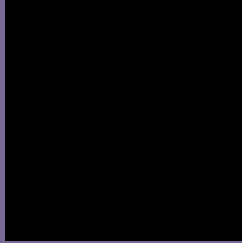
Any Text WCAG AA × Fail

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 796996 Background



This preview shows how black text looks on a background with the Hex color 796996.



This preview shows how white text looks on a background with the Hex color 796996.

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
796996

Protanopia
646F9B

Deuteranopia
686F95



Tritanopia
746F78

Trichromacy



Original Color
796996

Protanomaly
6C6D99

Deuteranomaly
6E6D95

Tritanomaly
766D83

Monochromacy



Original Color
796996

Achromatopsia
737373

Achromatomaly
756F80

CSS Examples

Text

The CSS property to change the color of the text to Hex 796996 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 #796996 looks like.

```
.text, #text, p{  
    color:#796996  
}
```

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 #796996 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796996
}
```

Border

The CSS property to change the border of an element to Hex 796996 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
#796996 }
```

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

```
.border{ border-color:#796996 }
```

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

Here you see how a box with a 4 pixel #796996 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796996; -webkit-box-shadow:4px 4px  
4px 4px #796996; box-shadow:4px 4px 4px  
4px #796996 }
```

Background

The CSS property to change the background color of an element to Hex 796996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796996 }
```

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

```
.background{ background-color:#796996 }
```

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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