

Converting Colors

Hex(7867A6)

Have a look what the booklet for
Hex(7867A6) contains.

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Color

Hex(7867A6)

Conversions

Conversions Part 1

Format	Color
Hex	7867A6
RGB	120, 103, 166
RGB Percent	47%, 40%, 65%
CMY	0.5294, 0.5961, 0.3490
CMYK	0.28, 0.38, 0.00, 0.35
HSL	256°, 26%, 53%
HSV	256°, 38%, 65%
XYZ	19.4789, 16.4467, 38.2243
YIQ	115.2650, -10.0910, 23.1970

Conversions

Conversions Part 2

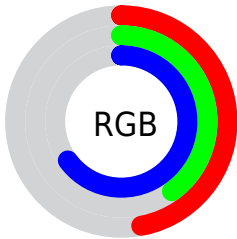
Format	Color
R _Y B	120, 103, 166
Decimal	7890854
CIE _{Lab}	47.56, 20.84, -31.51
CIE _{LCh}	48, 37.781, 303.486
Y _{xy}	16.4467, 0.2627, 0.2218
Android (android.graphics.Color)	4286080934 (0xFF7867A6)
Y _{UV}	115.2650, 25.0124, 4.1526
Hunter-Lab	40.5546, 14.7654, -27.4949

Details

The Hex color **7867A6** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **95A667**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AE9ADD**, and **453872** is the 20% darker color. If you saturate the color by 10%, you get **6C56A6**, and if you desaturate by 10%, it is **8478A6**.

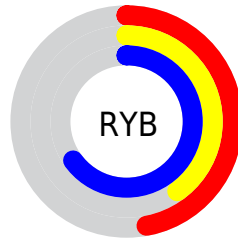
Distribution



Red (47%)

Green (40%)

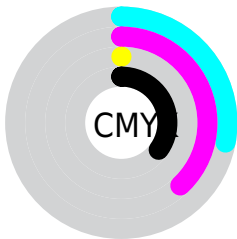
Blue (65%)



Red (47%)

Yellow (40%)

Blue (65%)

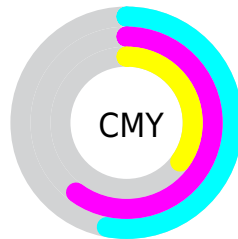


Cyan (28%)

Magenta (38%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (60%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7867A6 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 7867A6 by changing the saturation by 10% instead.

■ 7867A6

■ 7867A6

FFFFFF

■ 5E4F8B

■ AE9ADD

■ 453872

■ C9B5FA

■ 2D2259

■ E6D1FF

■ 140E41

■ FFEDFF

■ 00002B

■ 000115

■ 000000

■ 7867A6

■ 7867A6

■ 6C56A6

■ 8478A6

6046A6

9088A6

5435A6

9C99A6

4825A6

A8A9A6

3B14A6

B5BAA6

2F03A6

C1CBA6

2D00A6

CDDBA6

D9ECA6

E5FCA6

Harmonies

Analogous

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



3F73B0



7867A6



9B5B8E

Triad

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



7867A6



9A6538



008174

Complementary

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



7867A6



95A667

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.



347F53



7867A6



80702F

Square

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



7867A6



AA5A4F



5F793A



008093

Rectangle

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



7867A6



A85779



5F793A



008169

Sweetspot

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



7867A6



C7C1D9



6795A6



635F6E



EDEDED



6E6E6E

Same Dimension

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



7867A6



9075D9



9767A6



4E4C54



280094



060014

Inverse Universe

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



A66795



D975BE



76A667



544C52



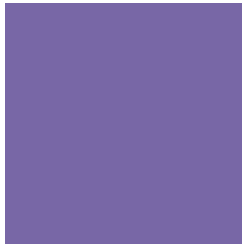
94006C



14000F

Previews

White Background



This preview shows how the Hex color 7867A6 looks on a white background.

Color Contrast Check

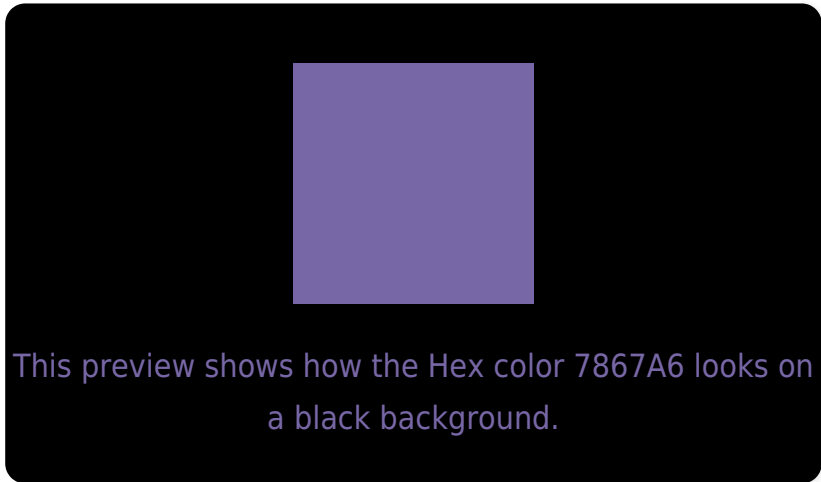
Large Text (above 18pt) WCAG AA ✓ Pass

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

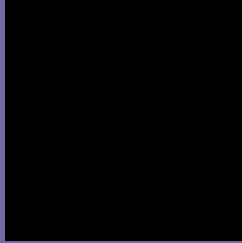
Any Text WCAG AA × Fail

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 7867A6 Background



This preview shows how black text looks on a background with the Hex color 7867A6.



This preview shows how white text looks on a background with the Hex color 7867A6.

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
7867A6

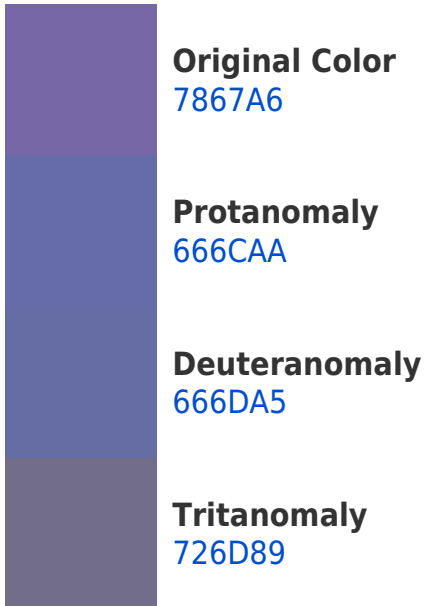
Protanopia
5B6FAD

Deuteranopia
5C70A4



Tritanopia
6F7079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7867A6 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 #7867A6 looks like.

```
.text, #text, p{  
    color:#7867A6  
}
```

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 #7867A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7867A6
}
```

Border

The CSS property to change the border of an element to Hex 7867A6 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
#7867A6 }
```

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

```
.border{ border-color:#7867A6 }
```

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

Here you see how a box with a 4 pixel #7867A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7867A6; -webkit-box-shadow:4px 4px  
4px 4px #7867A6; box-shadow:4px 4px 4px  
4px #7867A6 }
```

Background

The CSS property to change the background color of an element to Hex 7867A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7867A6 }
```

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

```
.background{ background-color:#7867A6 }
```

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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