

Converting Colors

Hex(797BA8)

Have a look what the booklet for
Hex(797BA8) contains.

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Color

Hex(797BA8)

Conversions

Conversions Part 1

Format	Color
Hex	797BA8
RGB	121, 123, 168
RGB Percent	47%, 48%, 66%
CMY	0.5255, 0.5176, 0.3412
CMYK	0.28, 0.27, 0.00, 0.34
HSL	237°, 21%, 57%
HSV	237°, 28%, 66%
XYZ	22.0360, 21.0580, 39.9490
YIQ	127.5320, -15.6370, 13.5710

Conversions

Conversions Part 2

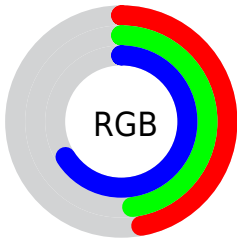
Format	Color
R_{YB}	121, 123, 168
Decimal	7961512
CIE _{Lab}	53.01, 9.69, -24.19
CIE _{LCh}	53, 26.061, 291.835
Yxy	21.0580, 0.2654, 0.2536
Android (android.graphics.Color)	4286151592 (0xFF797BA8)
YUV	127.5320, 19.9507, -5.7286
Hunter-Lab	45.8890, 5.4103, -19.4930

Details

The Hex color **797BA8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A8A679**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **AEAFDF**, and **474A74** is the 20% darker color. If you saturate the color by 10%, you get **686BA8**, and if you desaturate by 10%, it is **8A8BA8**.

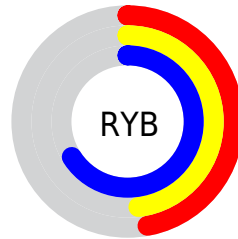
Distribution



Red (47%)

Green (48%)

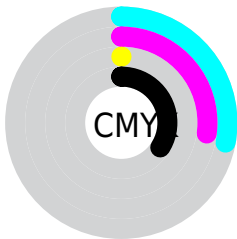
Blue (66%)



Red (47%)

Yellow (48%)

Blue (66%)

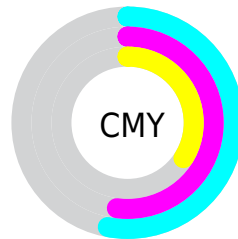


Cyan (28%)

Magenta (27%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (52%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 797BA8 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 797BA8 by changing the saturation by 10% instead.

■ 797BA8

■ 797BA8

FFFFFF

■ 60628D

■ AEAADF

■ 474A74

■ CACBFC

■ 2F345B

■ E6E7FF

■ 171F43

■ 01062D

■ 000118

■ 000000

■ 797BA8

■ 797BA8

■ 686BA8

■ 8A8BA8

■ 575BA8

■ 9B9BA8

■ 474BA8

■ ABABA8

■ 363BA8

■ BCBBA8

■ 252BA8

■ CDCBA8

■ 141AA8

■ DEDCA8

■ 030AA8

■ EFECA8

■ 0007A8

■ FFFCA8

■ FFFFA8

Harmonies

Analogous

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



5783AA



797BA8



95739A

Triad

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



797BA8



A4745C



498A77

Complementary

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



797BA8



A8A679

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.



638862



797BA8



947B52

Square

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



797BA8



AB6E6F



7D8254



348B8E

Rectangle

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



797BA8



A26F8D



7D8254



528A70

Sweetspot

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



797BA8



CACBDB



79A8A6



63636E



EDEDED



6E6E6E

Same Dimension

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



797BA8



9194DB



8E79A8



4C4C54



000694



000114

Inverse Universe

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



A8797B



DB9194



93A879



544C4C



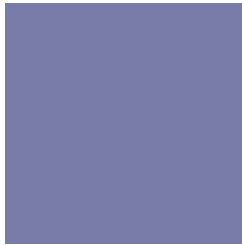
940006



140001

Previews

White Background



This preview shows how the Hex color 797BA8 looks on a white background.

Color Contrast Check

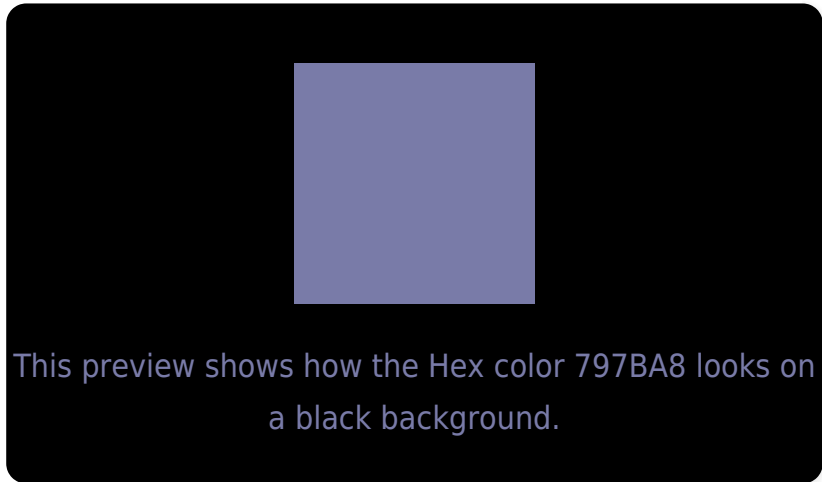
Large Text (above 18pt) WCAG AA ✓ Pass

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 797BA8 Background



This preview shows how black text looks on a background with the Hex color 797BA8.



This preview shows how white text looks on a background with the Hex color 797BA8.

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
797BA8

Protanopia
727DA9

Deuteranopia
747DA8



Tritanopia
73808B

Trichromacy



Original Color
797BA8

Protanomaly
757CA9

Deuteranomaly
767CA8

Tritanomaly
757E96

Monochromacy



Original Color
797BA8

Achromatopsia
808080

Achromatomaly
7D7E8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 797BA8 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 #797BA8 looks like.

```
.text, #text, p{  
    color:#797BA8  
}
```

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 #797BA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797BA8  
}
```

Border

The CSS property to change the border of an element to Hex 797BA8 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  
#797BA8 }
```

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

```
.border{ border-color:#797BA8 }
```

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

Here you see how a box with a 4 pixel #797BA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797BA8; -webkit-box-shadow:4px 4px  
4px 4px #797BA8; box-shadow:4px 4px 4px  
4px #797BA8 }
```

Background

The CSS property to change the background color of an element to Hex 797BA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797BA8 }
```

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

```
.background{ background-color:#797BA8 }
```

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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