

Converting Colors

Hex(7987A4)

Have a look what the booklet for
Hex(7987A4) contains.

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Color

Hex(7987A4)

Conversions

Conversions Part 1

Format	Color
Hex	7987A4
RGB	121, 135, 164
RGB Percent	47%, 53%, 64%
CMY	0.5255, 0.4706, 0.3569
CMYK	0.26, 0.18, 0.00, 0.36
HSL	220°, 19%, 56%
HSV	220°, 26%, 64%
XYZ	23.2500, 24.0732, 38.5432
YIQ	134.1200, -17.6530, 6.0510

Conversions

Conversions Part 2

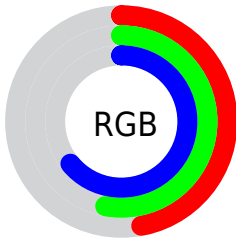
Format	Color
R_{YB}	121, 132, 164
Decimal	7964580
CIE Lab	56.16, 1.66, -17.06
CIE LCh	56, 17.144, 275.568
Yxy	24.0732, 0.2708, 0.2804
Android (android.graphics.Color)	4286154660 (0xFF7987A4)
YUV	134.1200, 14.7308, -11.5062
Hunter-Lab	49.0645, -1.2778, -12.2308

Details

The Hex color **7987A4** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A49679**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **AEBCDB**, and **475570** is the 20% darker color. If you saturate the color by 10%, you get **697CA4**, and if you desaturate by 10%, it is **8992A4**.

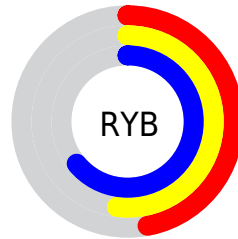
Distribution



Red (47%)

Green (53%)

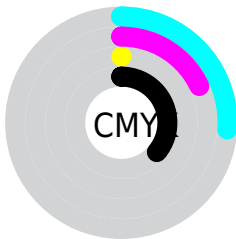
Blue (64%)



Red (47%)

Yellow (52%)

Blue (64%)

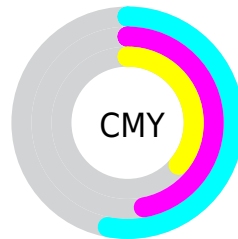


Cyan (26%)

Magenta (18%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (47%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7987A4 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 7987A4 by changing the saturation by 10% instead.



7987A4



7987A4

FFFFFF



606E8A



AEBCDB



475570



CAD8F8



303E58



E6F4FF



182940



01142A



000115



000000



7987A4



7987A4



697CA4



8992A4

■ 5871A4

■ 9A9DA4

■ 4866A4

■ AAA8A4

■ 375BA4

■ BBB3A4

■ 2750A4

■ CBBEA4

■ 1745A4

■ DBC9A4

■ 063AA4

■ ECD4A4

■ 0035A4

■ FCDF A4

■ FFEBA4

Harmonies

Analogous

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



678BA1



7987A4



8D829F

Triad

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



7987A4



A57E76



6E8E7A

Complementary

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



7987A4



A49679

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.



7F8B6E



7987A4



9D826C

Square

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



7987A4



A57C84



8F8769



618F89

Rectangle

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



7987A4



987F98



8F8769



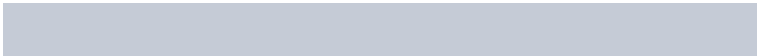
738D75

Sweetspot

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



7987A4



C5CBD6



79A496



60646B



EBEBEB



6B6B6B

Same Dimension

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



7987A4



94A9D6



8079A4



494C52



002F91



000612

Inverse Universe

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



A47987



D694A9



9DA479



52494C



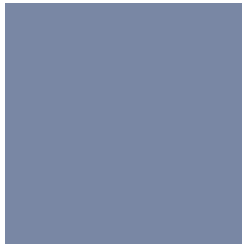
91002F



120006

Previews

White Background



This preview shows how the Hex color 7987A4 looks on a white background.

Color Contrast Check

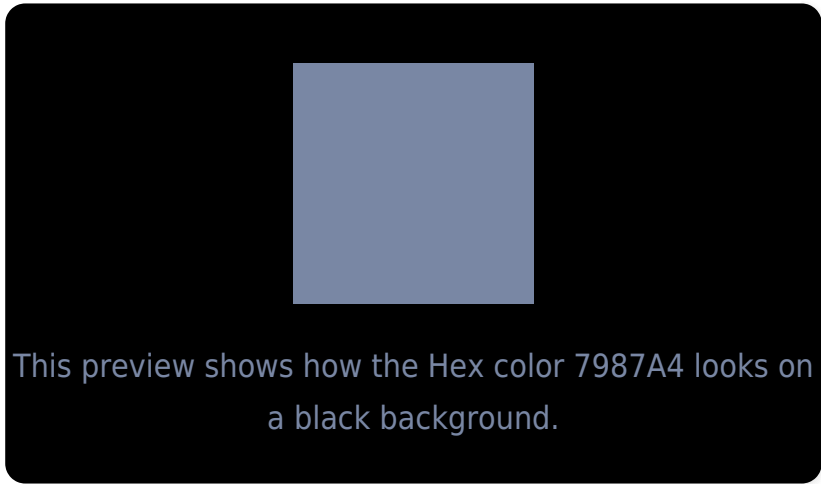
Large Text (above 18pt) WCAG AA ✓ Pass

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

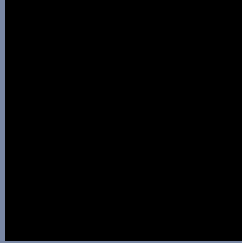
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

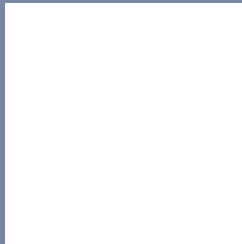
Any Text WCAG AAA × Fail

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

Hex 7987A4 Background



This preview shows how black text looks on a background with the Hex color 7987A4.



This preview shows how white text looks on a background with the Hex color 7987A4.

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

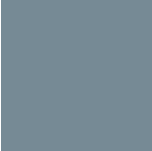
7987A4

Protanopia

8085A3

Deuteranopia

8484A5



Tritanopia
768A95

Trichromacy



Original Color
7987A4

Protanomaly
7D86A3

Deuteranomaly
8085A5

Tritanomaly
77899A

Monochromacy



Original Color
7987A4

Achromatopsia
868686

Achromatomaly
818691

CSS Examples

Text

The CSS property to change the color of the text to Hex 7987A4 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 #7987A4 looks like.

```
.text, #text, p{  
    color:#7987A4  
}
```

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 #7987A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7987A4
}
```

Border

The CSS property to change the border of an element to Hex 7987A4 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
#7987A4 }
```

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

```
.border{ border-color:#7987A4 }
```

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

Here you see how a box with a 4 pixel #7987A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7987A4; -webkit-box-shadow:4px 4px  
4px 4px #7987A4; box-shadow:4px 4px 4px  
4px #7987A4 }
```

Background

The CSS property to change the background color of an element to Hex 7987A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7987A4 }
```

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

```
.background{ background-color:#7987A4 }
```

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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