

Converting Colors

Hex(7C8AA5)

Have a look what the booklet for
Hex(7C8AA5) contains.

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Color

Hex(7C8AA5)

Conversions

Conversions Part 1

Format	Color
Hex	7C8AA5
RGB	124, 138, 165
RGB Percent	49%, 54%, 65%
CMY	0.5137, 0.4588, 0.3529
CMYK	0.25, 0.16, 0.00, 0.35
HSL	220°, 19%, 57%
HSV	220°, 25%, 65%
XYZ	24.1922, 25.1787, 39.1822
YIQ	136.8920, -17.0110, 5.4290

Conversions

Conversions Part 2

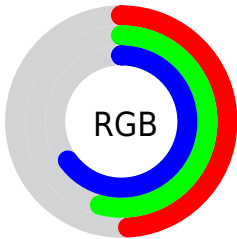
Format	Color
RYB	124, 134, 165
Decimal	8161957
CIELab	57.25, 1.14, -15.97
CIELCh	57, 16.006, 274.092
Yxy	25.1787, 0.2732, 0.2843
Android (android.graphics.Color)	4286352037 (0xFF7C8AA5)
YUV	136.8920, 13.8572, -11.3063
Hunter-Lab	50.1783, -1.7529, -11.1723

Details

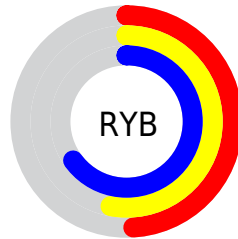
The Hex color **7C8AA5** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A5977C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **B1BFDC**, and **4A5871** is the 20% darker color. If you saturate the color by 10%, you get **6B7FA5**, and if you desaturate by 10%, it is **8C95A5**.

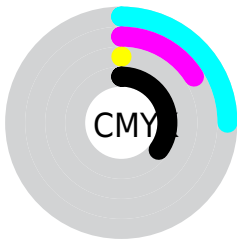
Distribution



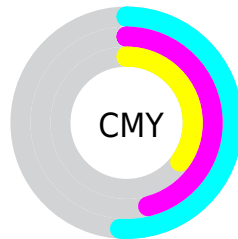
- Red (49%)
- Green (54%)
- Blue (65%)



- Red (49%)
- Yellow (53%)
- Blue (65%)



- Cyan (25%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)



- Cyan (51%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C8AA5 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 7C8AA5 by changing the saturation by 10% instead.



7C8AA5



7C8AA5

FFFFFF



63718B



B1BFDC



4A5871



CDDBF9



334159



E9F8FF



1C2B41



04172B



000117



000000



7C8AA5



7C8AA5



6B7FA5



8C95A5

■ 5B74A5

■ 9DA0A5

■ 4A69A5

■ ADABA5

■ 3A5FA5

■ BEB5A5

■ 2A54A5

■ CEC0A5

■ 1949A5

■ DFCBA5

■ 083EA5

■ EFD6A5

■ 0038A5

■ FFE1A5

■ FFCA5

Harmonies

Analogous

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



6C8EA2



7C8AA5



8E85A1

Triad

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



7C8AA5



A6817A



73907D

Complementary

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



7C8AA5



A5977C

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.



838D72



7C8AA5



9F8471

Square

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



7C8AA5



A68088



92896E



67928B

Rectangle

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



7C8AA5



99829A



92896E



789079

Sweetspot

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



7C8AA5



C7CCD6



7CA597



63656B



EBEBEB



6B6B6B

Same Dimension

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



7C8AA5



96ACD6



827CA5



494C52



003291



000612

Inverse Universe

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



A57C8A



D696AC



9FA57C



52494C



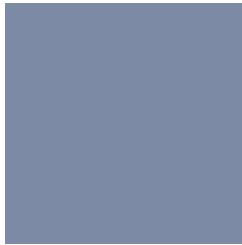
910032



120006

Previews

White Background



This preview shows how the Hex color 7C8AA5 looks on a white background.

Color Contrast Check

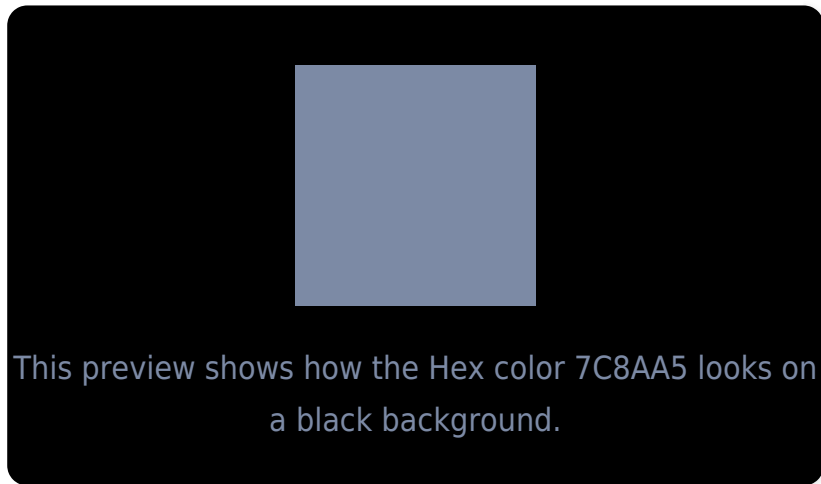
Large Text (above 18pt) WCAG AA ✓ Pass

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

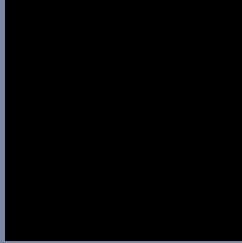
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

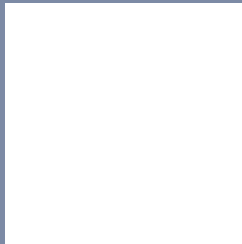
Any Text WCAG AAA × Fail

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

Hex 7C8AA5 Background



This preview shows how black text looks on a background with the Hex color 7C8AA5.



This preview shows how white text looks on a background with the Hex color 7C8AA5.

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

7C8AA5

Protanopia

8388A4

Deuteranopia

8886A6



Tritanopia
798C98

Trichromacy



Original Color
7C8AA5

Protanomaly
8089A4

Deuteranomaly
8487A6

Tritanomaly
7A8B9D

Monochromacy



Original Color
7C8AA5

Achromatopsia
898989

Achromatomaly
848993

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C8AA5 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 #7C8AA5 looks like.

```
.text, #text, p{  
    color:#7C8AA5  
}
```

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 #7C8AA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8AA5
}
```

Border

The CSS property to change the border of an element to Hex 7C8AA5 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
#7C8AA5 }
```

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

```
.border{ border-color:#7C8AA5 }
```

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

Here you see how a box with a 4 pixel #7C8AA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8AA5; -webkit-box-shadow:4px 4px  
4px 4px #7C8AA5; box-shadow:4px 4px 4px  
4px #7C8AA5 }
```

Background

The CSS property to change the background color of an element to Hex 7C8AA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8AA5 }
```

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

```
.background{ background-color:#7C8AA5 }
```

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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