

Converting Colors

Hex(7D8CA5)

Have a look what the booklet for
Hex(7D8CA5) contains.

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Color

Hex(7D8CA5)

Conversions

Conversions Part 1

Format	Color
Hex	7D8CA5
RGB	125, 140, 165
RGB Percent	49%, 55%, 65%
CMY	0.5098, 0.4510, 0.3529
CMYK	0.24, 0.15, 0.00, 0.35
HSL	217°, 18%, 57%
HSV	217°, 24%, 65%
XYZ	24.6271, 25.8328, 39.2855
YIQ	138.3650, -16.9650, 4.5950

Conversions

Conversions Part 2

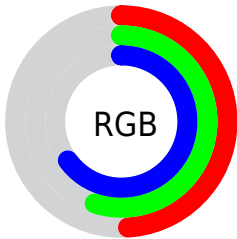
Format	Color
RYB	125, 136, 165
Decimal	8228005
CIELab	57.88, 0.32, -15.01
CIElCh	58, 15.009, 271.217
Yxy	25.8328, 0.2744, 0.2878
Android (android.graphics.Color)	4286418085 (0xFF7D8CA5)
YUV	138.3650, 13.1311, -11.7211
Hunter-Lab	50.8259, -2.4555, -10.2496

Details

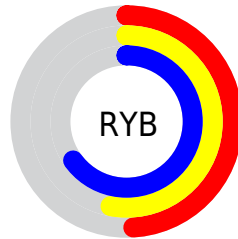
The Hex color **7D8CA5** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A5967D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B2C1DC**, and **4B5A71** is the 20% darker color. If you saturate the color by 10%, you get **6C82A5**, and if you desaturate by 10%, it is **8D96A5**.

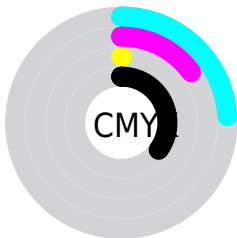
Distribution



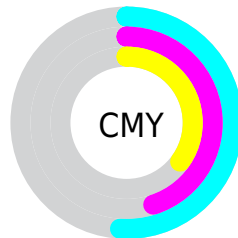
- Red (49%)
- Green (55%)
- Blue (65%)



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



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)
- Black (35%)



- Cyan (51%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D8CA5 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 7D8CA5 by changing the saturation by 10% instead.

■ 7D8CA5

■ 7D8CA5

FFFFFF

■ 64738B

■ B2C1DC

■ 4B5A71

■ CEDDF9

■ 344359

■ EAFAFF

■ 1D2D41

■ 06182B

■ 000117

■ 000000

■ 7D8CA5

■ 7D8CA5

■ 6C82A5

■ 8D96A5

■ 5C77A5

■ 9EA1A5

■ 4B6DA5

■ AEABA5

■ 3B63A5

■ BFB5A5

■ 2A58A5

■ CFC0A5

■ 1A4EA5

■ E0CAA5

■ 0944A5

■ F0D4A5

■ 003EA5

■ FFDEA5

■ FFE9A5

Harmonies

Analogous

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



6E90A2



7D8CA5



8E88A1

Triad

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



7D8CA5



A6837E



78917E

Complementary

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



7D8CA5



A5967D

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.



868E74



7D8CA5



A08675

Square

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



7D8CA5



A5828B



958A71



6C938B

Rectangle

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



7D8CA5



98859C



958A71



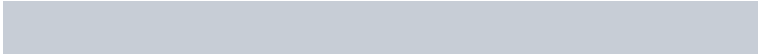
7C917A

Sweetspot

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



7D8CA5



C7CDD6



7DA596



63666B



EBEBEB



6B6B6B

Same Dimension

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



7D8CA5



98AFD6



827DA5



494D52



003791



000712

Inverse Universe

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



A57D8C



D698AF



A0A57D



52494D



910037



120007

Previews

White Background



This preview shows how the Hex color 7D8CA5 looks on a white background.

Color Contrast Check

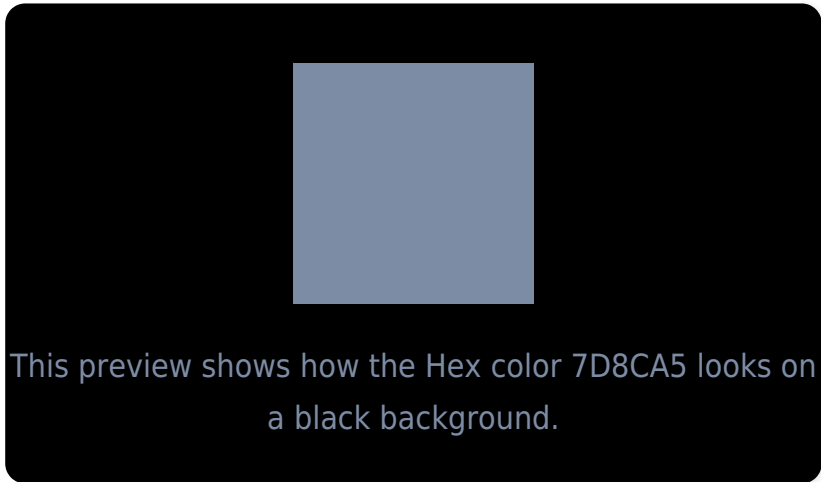
Large Text (above 18pt) WCAG AA ✓ Pass

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

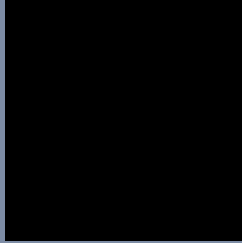
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

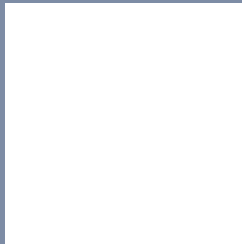
Any Text WCAG AAA × Fail

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

Hex 7D8CA5 Background



This preview shows how black text looks on a background with the Hex color 7D8CA5.



This preview shows how white text looks on a background with the Hex color 7D8CA5.

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](#).

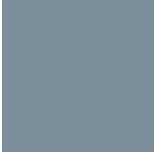
Dichromacy



Original Color
7D8CA5

Protanopia
868AA3

Deuteranopia
8B88A6



Tritanopia
7B8E99

Trichromacy



Original Color
7D8CA5

Protanomaly
838BA4

Deuteranomaly
8689A6

Tritanomaly
7C8D9D

Monochromacy



Original Color
7D8CA5

Achromatopsia
8A8A8A

Achromatomaly
858B94

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D8CA5 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 #7D8CA5 looks like.

```
.text, #text, p{  
    color:#7D8CA5  
}
```

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 #7D8CA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8CA5
}
```

Border

The CSS property to change the border of an element to Hex 7D8CA5 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
#7D8CA5 }
```

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

```
.border{ border-color:#7D8CA5 }
```

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

Here you see how a box with a 4 pixel #7D8CA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8CA5; -webkit-box-shadow:4px 4px  
4px 4px #7D8CA5; box-shadow:4px 4px 4px  
4px #7D8CA5 }
```

Background

The CSS property to change the background color of an element to Hex 7D8CA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8CA5 }
```

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

```
.background{ background-color:#7D8CA5 }
```

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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