

Converting Colors

Hex(828DA7)

Have a look what the booklet for
Hex(828DA7) contains.

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Color

Hex(828DA7)

Conversions

Conversions Part 1

Format	Color
Hex	828DA7
RGB	130, 141, 167
RGB Percent	51%, 55%, 65%
CMY	0.4902, 0.4471, 0.3451
CMYK	0.22, 0.16, 0.00, 0.35
HSL	222°, 17%, 58%
HSV	222°, 22%, 65%
XYZ	25.7058, 26.5856, 40.3359
YIQ	140.6750, -14.9020, 5.7540

Conversions

Conversions Part 2

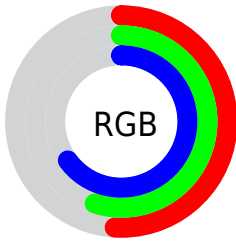
Format	Color
R_{YB}	130, 138, 167
Decimal	8555943
CIE _{Lab}	58.59, 1.84, -15.04
CIE _{LCh}	59, 15.151, 276.987
Yxy	26.5856, 0.2775, 0.2870
Android (android.graphics.Color)	4286746023 (0xFF828DA7)
YUV	140.6750, 12.9782, -9.3620
Hunter-Lab	51.5612, -1.2410, -10.2892

Details

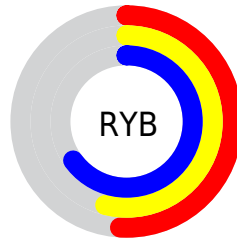
The Hex color **828DA7** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A79C82**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **B7C3DE**, and **505B73** is the 20% darker color. If you saturate the color by 10%, you get **7181A7**, and if you desaturate by 10%, it is **9399A7**.

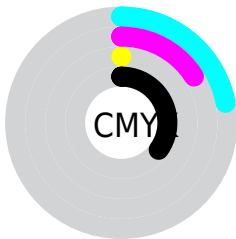
Distribution



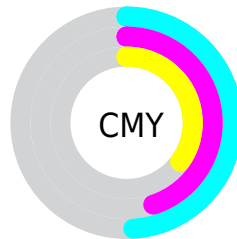
- Red (51%)
- Green (55%)
- Blue (65%)



- Red (51%)
- Yellow (54%)
- Blue (65%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (35%)



- Cyan (49%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 828DA7 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 828DA7 by changing the saturation by 10% instead.

■ 828DA7

■ 828DA7

FFFFFF

■ 69748D

■ B7C3DE

■ 505B73

■ D3DEFB

■ 38445A

■ F0FBFF

■ 222D43

■ 0B192D

■ 000118

■ 000000

■ 828DA7

■ 828DA7

■ 7181A7

■ 9399A7

6176A7

A3A4A7

506AA7

B4B0A7

3F5EA7

C5BCA7

2E52A7

D5C8A7

1E47A7

E6D3A7

0D3BA7

F7DFA7

0032A7

FFEBA7

FFF7A7

Harmonies

Analogous

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



7291A5



828DA7



9389A2

Triad

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



828DA7



A8857E



779482

Complementary

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



828DA7



A79C82

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.



859177



828DA7



A18975

Square

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



828DA7



A8848A



948D73



6C9590

Rectangle

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



828DA7



9D869C



948D73



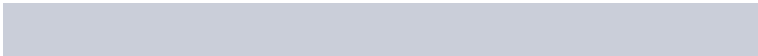
7B937E

Sweetspot

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



828DA7



CACED9



82A79C



65676E



EDEDED



6E6E6E

Same Dimension

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



828DA7



9EB0D9



8982A7



4C4E54



002C94



000614

Inverse Universe

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



A7828D



D99EB0



A0A782



544C4E



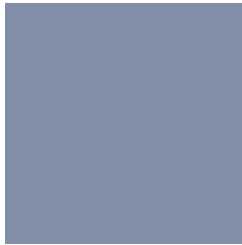
94002C



140006

Previews

White Background



This preview shows how the Hex color 828DA7 looks on a white background.

Color Contrast Check

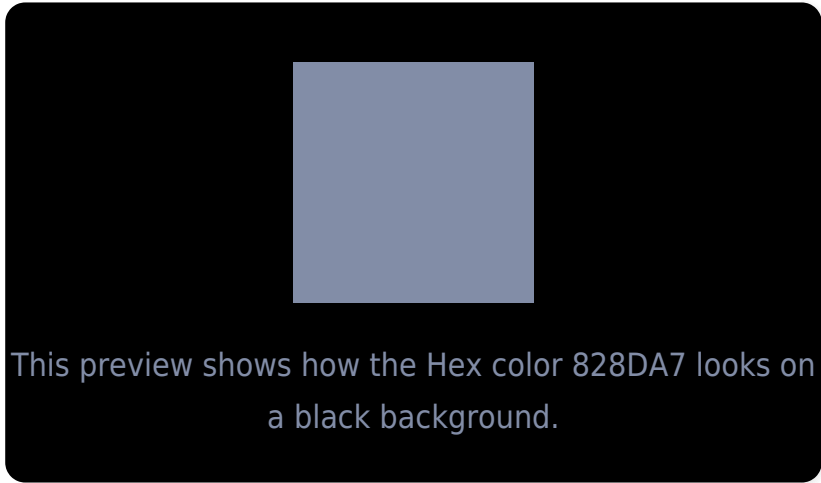
Large Text (above 18pt) WCAG AA ✓ Pass

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

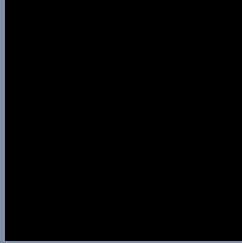
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

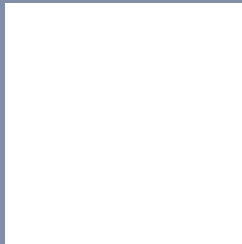
Any Text WCAG AAA × Fail

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

Hex 828DA7 Background



This preview shows how black text looks on a background with the Hex color 828DA7.



This preview shows how white text looks on a background with the Hex color 828DA7.

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
828DA7

Protanopia
878CA6

Deuteranopia
8D8AA8



Tritanopia
808F9B

Trichromacy



Original Color
828DA7

Protanomaly
858CA6

Deuteranomaly
898BA8

Tritanomaly
818E9F

Monochromacy



Original Color
828DA7

Achromatopsia
8D8D8D

Achromatomaly
898D96

CSS Examples

Text

The CSS property to change the color of the text to Hex 828DA7 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 #828DA7 looks like.

```
.text, #text, p{  
    color:#828DA7  
}
```

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 #828DA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828DA7  
}
```

Border

The CSS property to change the border of an element to Hex 828DA7 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  
#828DA7 }
```

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

```
.border{ border-color:#828DA7 }
```

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

Here you see how a box with a 4 pixel #828DA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828DA7; -webkit-box-shadow:4px 4px  
4px 4px #828DA7; box-shadow:4px 4px 4px  
4px #828DA7 }
```

Background

The CSS property to change the background color of an element to Hex 828DA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828DA7 }
```

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

```
.background{ background-color:#828DA7 }
```

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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