

Converting Colors

Hex(829AA8)

Have a look what the booklet for
Hex(829AA8) contains.

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Color

Hex(829AA8)

Conversions

Conversions Part 1

Format	Color
Hex	829AA8
RGB	130, 154, 168
RGB Percent	51%, 60%, 66%
CMY	0.4902, 0.3961, 0.3412
CMYK	0.23, 0.08, 0.00, 0.34
HSL	202°, 18%, 58%
HSV	202°, 23%, 66%
XYZ	27.8294, 30.6842, 41.5017
YIQ	148.4200, -18.7980, -0.7340

Conversions

Conversions Part 2

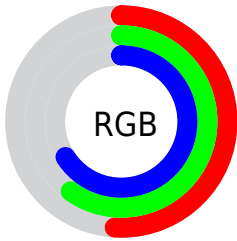
Format	Color
RYB	130, 145, 168
Decimal	8559272
CIELab	62.24, -5.23, -10.11
CIELCh	62, 11.384, 242.672
Yxy	30.6842, 0.2783, 0.3068
Android (android.graphics.Color)	4286749352 (0xFF829AA8)
YUV	148.4200, 9.6529, -16.1543
Hunter-Lab	55.3933, -7.2605, -5.6458

Details

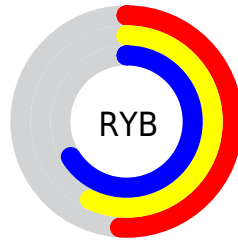
The Hex color **829AA8** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A89082**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B7D0DF**, and **506774** is the 20% darker color. If you saturate the color by 10%, you get **7194A8**, and if you desaturate by 10%, it is **93A0A8**.

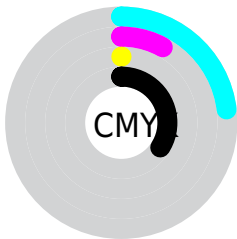
Distribution



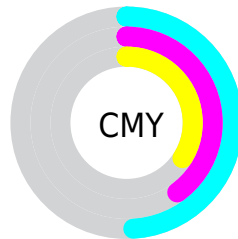
- Red (51%)
- Green (60%)
- Blue (66%)



- Red (51%)
- Yellow (57%)
- Blue (66%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (34%)



- Cyan (49%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 829AA8 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 829AA8 by changing the saturation by 10% instead.

■ 829AA8

■ 829AA8

FFFFFF

■ 68808E

■ B7D0DF

■ 506774

■ D3EDFC

■ 384F5B

■ F0FFFF

■ 213844

■ 0A232E

■ 000D19

■ 000000

■ 829AA8

■ 829AA8

■ 7194A8

■ 93A0A8

608EA8

A4A6A8

5087A8

B4ADA8

3F81A8

C5B3A8

2E7BA8

D6B9A8

1D75A8

E7BFA8

0C6FA8

F8C5A8

006AA8

FFCCA8

FFD2A8

Harmonies

Analogous

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



7D9CA1



829AA8



8D97AA

Triad

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



829AA8



AB9096



929985

Complementary

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



829AA8



A89082

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.



9E9682



829AA8



AC908C

Square

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



829AA8



A591A0



A79385



879B8D

Rectangle

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



829AA8



9595A9



A79385



969884

Sweetspot

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



829AA8



CCD6DB



82A890



656A6E



EDEDED



6E6E6E

Same Dimension

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



829AA8



A0C5DB



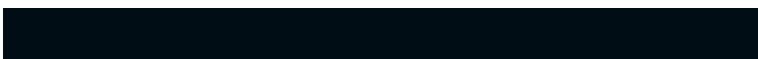
8287A8



4C5154



005D94



000D14

Inverse Universe

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



A8829A



DBA0C5



A8A382



544C51



94005D



14000D

Previews

White Background



This preview shows how the Hex color 829AA8 looks on a white background.

Color Contrast Check

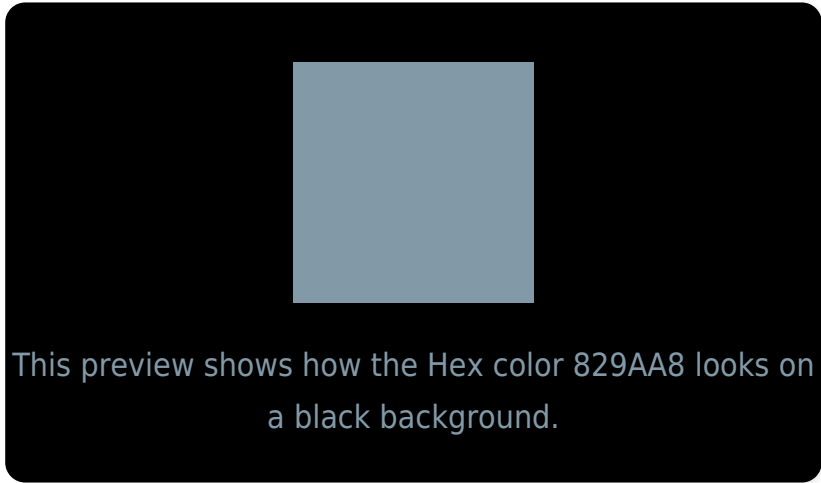
Large Text (above 18pt) WCAG AA × Fail

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

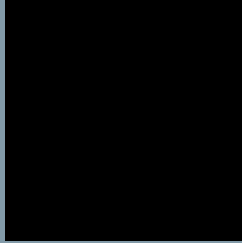
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

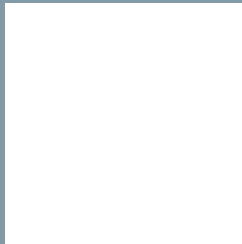
Any Text WCAG AAA ✓ Pass

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

Hex 829AA8 Background



This preview shows how black text looks on a background with the Hex color 829AA8.



This preview shows how white text looks on a background with the Hex color 829AA8.

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
829AA8

Protanopia
9495A5

Deuteranopia
9C92AA



Tritanopia
829AA7

Trichromacy



Original Color
829AA8

Protanomaly
8D97A6

Deuteranomaly
9395A9

Tritanomaly
829AA7

Monochromacy



Original Color
829AA8

Achromatopsia
949494

Achromatomaly
8D969B

CSS Examples

Text

The CSS property to change the color of the text to Hex 829AA8 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 #829AA8 looks like.

```
.text, #text, p{  
    color:#829AA8  
}
```

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 #829AA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #829AA8
}
```

Border

The CSS property to change the border of an element to Hex 829AA8 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
#829AA8 }
```

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

```
.border{ border-color:#829AA8 }
```

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

Here you see how a box with a 4 pixel #829AA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #829AA8; -webkit-box-shadow:4px 4px  
4px 4px #829AA8; box-shadow:4px 4px 4px  
4px #829AA8 }
```

Background

The CSS property to change the background color of an element to Hex 829AA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#829AA8 }
```

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

```
.background{ background-color:#829AA8 }
```

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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