

Converting Colors

Hex(828D9E)

Have a look what the booklet for
Hex(828D9E) contains.

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Color

Hex(828D9E)

Conversions

Conversions Part 1

Format	Color
Hex	828D9E
RGB	130, 141, 158
RGB Percent	51%, 55%, 62%
CMY	0.4902, 0.4471, 0.3804
CMYK	0.18, 0.11, 0.00, 0.38
HSL	216°, 13%, 56%
HSV	216°, 18%, 62%
XYZ	24.9024, 26.2642, 36.1048
YIQ	139.6490, -12.0130, 2.9550

Conversions

Conversions Part 2

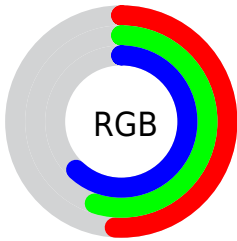
Format	Color
R_{YB}	130, 138, 158
Decimal	8555934
CIE _{Lab}	58.29, -0.26, -10.35
CIE _{LCh}	58, 10.353, 268.556
Yxy	26.2642, 0.2853, 0.3009
Android (android.graphics.Color)	4286746014 (0xFF828D9E)
YUV	139.6490, 9.0470, -8.4622
Hunter-Lab	51.2486, -2.9496, -5.8959

Details

The Hex color **828D9E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9E9382**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B7C3D5**, and **505B6B** is the 20% darker color. If you saturate the color by 10%, you get **72839E**, and if you desaturate by 10%, it is **92979E**.

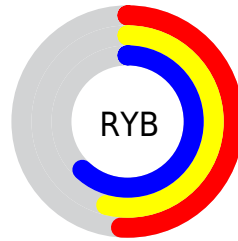
Distribution



Red (51%)

Green (55%)

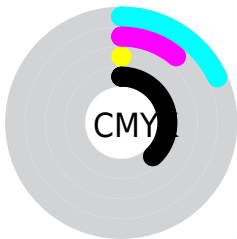
Blue (62%)



Red (51%)

Yellow (54%)

Blue (62%)

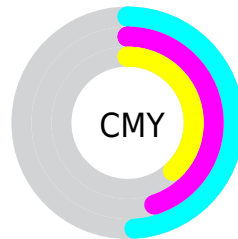


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (38%)



Cyan (49%)

Magenta (45%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 828D9E 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 828D9E by changing the saturation by 10% instead.



828D9E



828D9E

FFFFFF



697384



B7C3D5



505B6B



D3DEF1



394452



EFFBFF



232D3B



0E1926



000111



000000



828D9E



828D9E



72839E



92979E

■ 627A9E

■ A2A09E

■ 53709E

■ B1AA9E

■ 43679E

■ C1B39E

■ 335D9E

■ D1BD9E

■ 23539E

■ E1C79E

■ 134A9E

■ F1D09E

■ 04409E

■ FFDA9E

■ 003E9E

■ FFE39E

Harmonies

Analogous

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



79909B



828D9E



8D8A9C

Triad

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



828D9E



A08684



809082

Complementary

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



828D9E



9E9382

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.



8A8E7C



828D9E



9C887D

Square

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



828D9E



9E868D



948B7A



78928B

Rectangle

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



828D9E



958898



948B7A



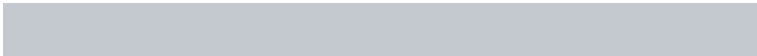
839080

Sweetspot

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



828D9E



C4C8CF



829E93



626569



E8E8E8



696969

Same Dimension

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



828D9E



A3B4CF



85829E



474A4F



00388F



00060F

Inverse Universe

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



9E828D



CFA3B4



9B9E82



4F474A



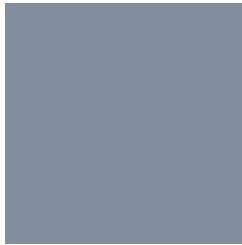
8F0038



0F0006

Previews

White Background



This preview shows how the Hex color 828D9E looks on a white background.

Color Contrast Check

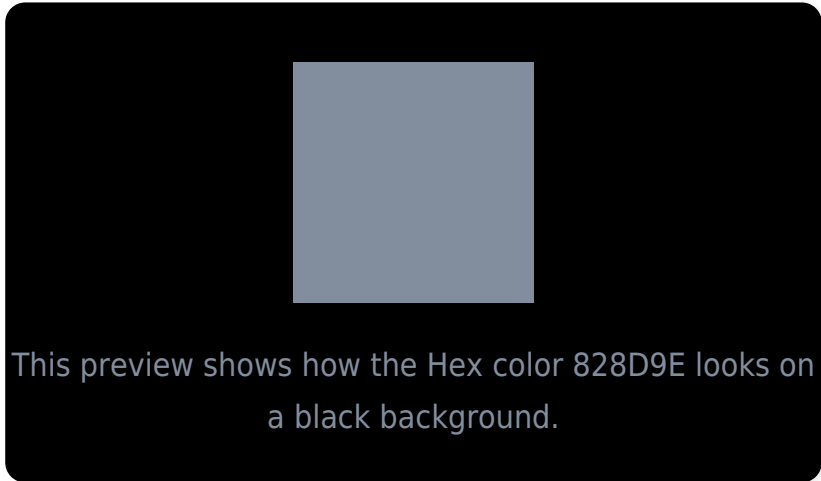
Large Text (above 18pt) WCAG AA ✓ Pass

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

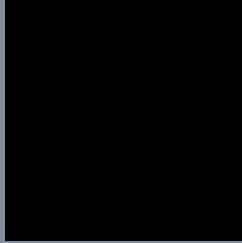
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

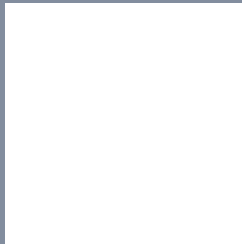
Any Text WCAG AAA × Fail

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

Hex 828D9E Background



This preview shows how black text looks on a background with the Hex color 828D9E.



This preview shows how white text looks on a background with the Hex color 828D9E.

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
828D9E

Protanopia
898B9D

Deuteranopia
91889F



Tritanopia
818E99

Trichromacy



Original Color
828D9E

Protanomaly
868C9D

Deuteranomaly
8C8A9F

Tritanomaly
818E9B

Monochromacy



Original Color
828D9E

Achromatopsia
8C8C8C

Achromatomaly
888C93

CSS Examples

Text

The CSS property to change the color of the text to Hex 828D9E 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 #828D9E looks like.

```
.text, #text, p{  
    color:#828D9E  
}
```

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 #828D9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #828D9E
}
```

Border

The CSS property to change the border of an element to Hex 828D9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

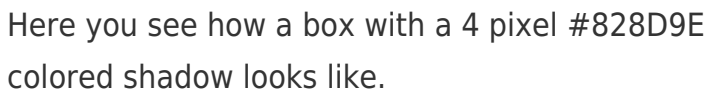
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#828D9E }
```

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

```
.border{ border-color:#828D9E }
```

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



Here you see how a box with a 4 pixel #828D9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #828D9E; -webkit-box-shadow:4px 4px  
4px 4px #828D9E; box-shadow:4px 4px 4px  
4px #828D9E }
```

Background

The CSS property to change the background color of an element to Hex 828D9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#828D9E }
```

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

```
.background{ background-color:#828D9E }
```

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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