

Converting Colors

Hex(818CAA)

Have a look what the booklet for
Hex(818CAA) contains.

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Color

Hex(818CAA)

Conversions

Conversions Part 1

Format	Color
Hex	818CAA
RGB	129, 140, 170
RGB Percent	51%, 55%, 67%
CMY	0.4941, 0.4510, 0.3333
CMYK	0.24, 0.18, 0.00, 0.33
HSL	224°, 19%, 59%
HSV	224°, 24%, 67%
XYZ	25.6870, 26.3256, 41.7577
YIQ	140.1310, -16.1860, 6.9980

Conversions

Conversions Part 2

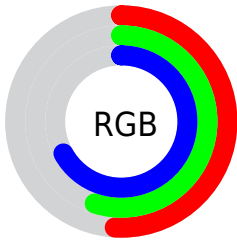
Format	Color
R_{YB}	129, 138, 170
Decimal	8490154
CIE _{Lab}	58.34, 2.82, -17.13
CIE _{LCh}	58, 17.357, 279.336
Yxy	26.3256, 0.2739, 0.2807
Android (android.graphics.Color)	4286680234 (0xFF818CAA)
YUV	140.1310, 14.7254, -9.7619
Hunter-Lab	51.3085, -0.4256, -12.3376

Details

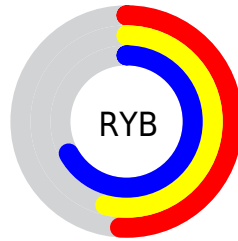
The Hex color **818CAA** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AA9F81**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **B6C1E1**, and **4F5A76** is the 20% darker color. If you saturate the color by 10%, you get **7080AA**, and if you desaturate by 10%, it is **9298AA**.

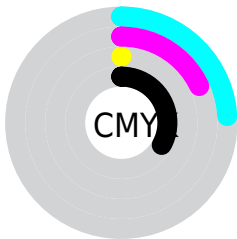
Distribution



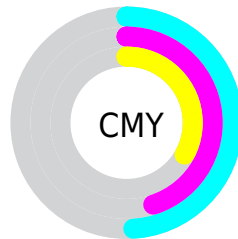
- Red (51%)
- Green (55%)
- Blue (67%)



- Red (51%)
- Yellow (54%)
- Blue (67%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)



- Cyan (49%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 818CAA 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 818CAA by changing the saturation by 10% instead.



818CAA



818CAA

FFFFFF



67738F



B6C1E1



4F5A76



D2DDFE



37435D



EFFAFF



202D45



09182F



00011A



000000



818CAA



818CAA



7080AA



9298AA

■ 5F73AA

■ A3A5AA

■ 4E67AA

■ B4B1AA

■ 3D5AAA

■ C5BEAA

■ 2C4EAA

■ D6CAAA

■ 1B41AA

■ E7D7AA

■ 0A35AA

■ F8E3AA

■ 002EAA

■ FFF0AA

■ FFFCAA

Harmonies

Analogous

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



6E91A8



818CAA



9587A4

Triad

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



818CAA



AA837A



719481

Complementary

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



818CAA



AA9F81

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.



829174



818CAA



A18870

Square

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



818CAA



AB8288



938D6E



659591

Rectangle

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



818CAA



A0849C



938D6E



76937C

Sweetspot

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



818CAA



CED2DE



81AA9E



676A70



F0F0F0



707070

Same Dimension

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



818CAA



9EAFDE



8A81AA



4C4E54



002894



000514

Inverse Universe

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



AA818C



DE9EAF



A1AA81



544C4E



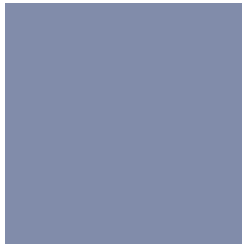
940028



140005

Previews

White Background



This preview shows how the Hex color 818CAA looks on a white background.

Color Contrast Check

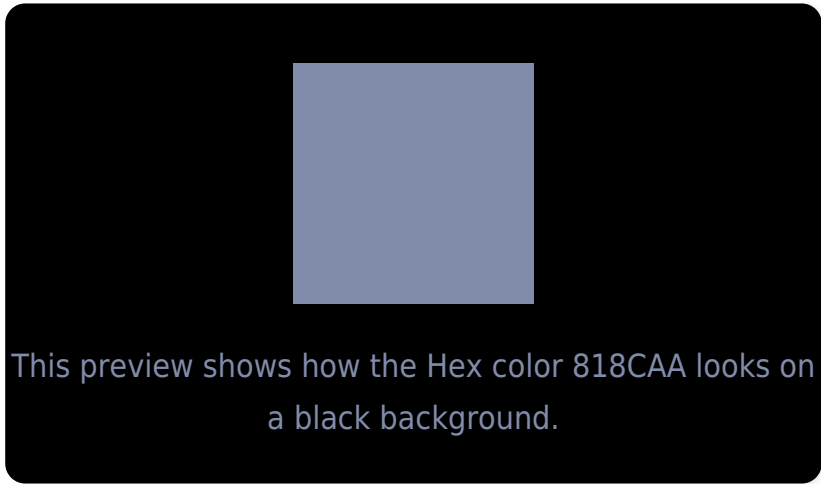
Large Text (above 18pt) WCAG AA ✓ Pass

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

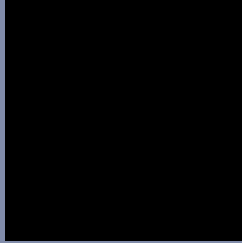
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

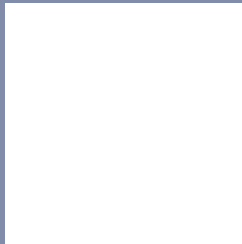
Any Text WCAG AAA × Fail

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

Hex 818CAA Background



This preview shows how black text looks on a background with the Hex color 818CAA.

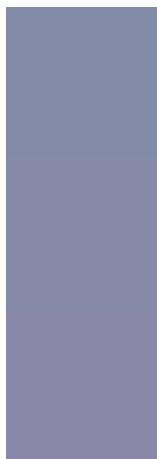


This preview shows how white text looks on a background with the Hex color 818CAA.

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

818CAA

Protanopia

858BA9

Deuteranopia

8A89AB



Tritanopia
7E8F9A

Trichromacy



Original Color
818CAA

Protanomaly
848BA9

Deuteranomaly
878AAB

Tritanomaly
7F8EA0

Monochromacy



Original Color
818CAA

Achromatopsia
8C8C8C

Achromatomaly
888C97

CSS Examples

Text

The CSS property to change the color of the text to Hex 818CAA 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 #818CAA looks like.

```
.text, #text, p{  
    color:#818CAA  
}
```

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 #818CAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818CAA
}
```

Border

The CSS property to change the border of an element to Hex 818CAA 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
#818CAA }
```

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

```
.border{ border-color:#818CAA }
```

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

Here you see how a box with a 4 pixel #818CAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818CAA; -webkit-box-shadow:4px 4px  
4px 4px #818CAA; box-shadow:4px 4px 4px  
4px #818CAA }
```

Background

The CSS property to change the background color of an element to Hex 818CAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818CAA }
```

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

```
.background{ background-color:#818CAA }
```

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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