

Converting Colors

Hex(809AC3)

Have a look what the booklet for
Hex(809AC3) contains.

Hex(809AC3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(809AC3)

Conversions

Conversions Part 1

Format	Color
Hex	809AC3
RGB	128, 154, 195
RGB Percent	50%, 60%, 76%
CMY	0.4980, 0.3961, 0.2353
CMYK	0.34, 0.21, 0.00, 0.24
HSL	217°, 36%, 63%
HSV	217°, 34%, 76%
XYZ	30.3080, 31.6405, 56.1396
YIQ	150.9000, -28.6570, 7.2390

Conversions

Conversions Part 2

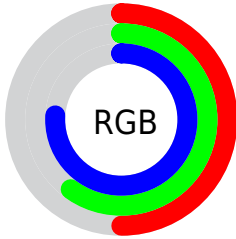
Format	Color
RYB	128, 147, 195
Decimal	8428227
CIELab	63.04, 0.88, -24.09
CIELCh	63, 24.106, 272.101
Yxy	31.6405, 0.2567, 0.2679
Android (android.graphics.Color)	4286618307 (0xFF809AC3)
YUV	150.9000, 21.7413, -20.0833
Hunter-Lab	56.2499, -2.2598, -19.7988

Details

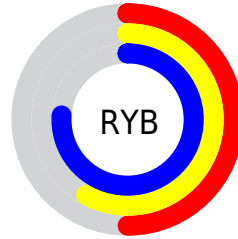
The Hex color **809AC3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C3A980**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B6D0FC**, and **4C678D** is the 20% darker color. If you saturate the color by 10%, you get **6D8EC3**, and if you desaturate by 10%, it is **94A6C3**.

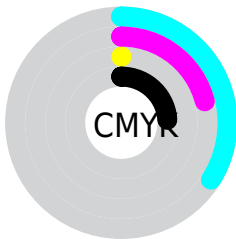
Distribution



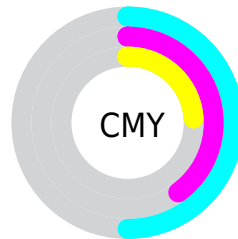
- Red (50%)
- Green (60%)
- Blue (76%)



- Red (50%)
- Yellow (58%)
- Blue (76%)



- Cyan (34%)
- Magenta (21%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 809AC3 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 809AC3 by changing the saturation by 10% instead.

■ 809AC3

■ 809AC3

FFFFFF

■ 6680A8

■ B6D0FC

■ 4C678D

■ D3ECFF

■ 334F74

■ EFFFFFF

■ 18385B

■ 002343

■ 000D2D

■ 000118

■ 000000

■ 809AC3

■ 809AC3

■ 6D8EC3

■ 94A6C3

■ 5982C3

■ A7B2C3

■ 4676C3

■ BBEC3

■ 326AC3

■ CECAC3

■ 1F5EC3

■ E2D6C3

■ 0B52C3

■ F5E2C3

■ 004CC3

■ FFEEC3

■ FFF9C3

■ FFFFC3

Harmonies

Analogous

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



65A0BE



809AC3



9E93BD

Triad

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



809AC3



C38B83



77A384

Complementary

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



809AC3



C3A980

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.



909E74



809AC3



B99073

Square

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



809AC3



C28998



A7986E



61A599

Rectangle

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



809AC3



AF8EB3



A7986E



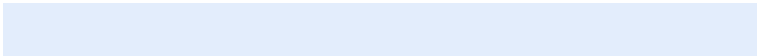
7FA17E

Sweetspot

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



809AC3



E3EDFC



80C3A8



707680



000000



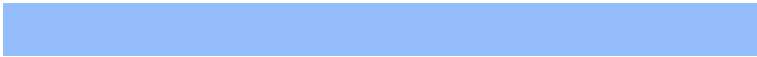
808080

Same Dimension

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



809AC3



95BDFC



8780C3



575B61



003EA1



000D21

Inverse Universe

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



C3809A



FC95BD



BCC380



61575B



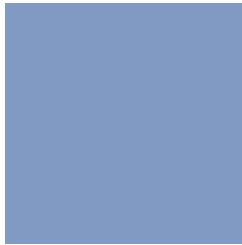
A1003E



21000D

Previews

White Background



This preview shows how the Hex color 809AC3 looks on a white background.

Color Contrast Check

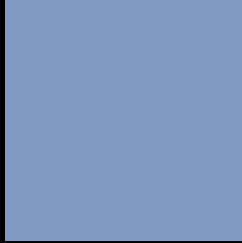
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 809AC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

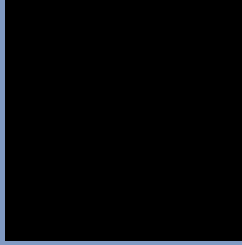
Any Text WCAG AA ✓ Pass

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 809AC3 Background



This preview shows how black text looks on a background with the Hex color 809AC3.

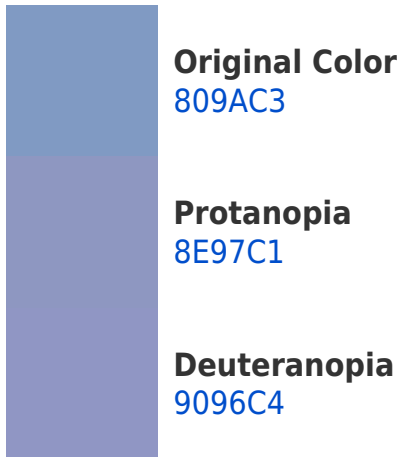


This preview shows how white text looks on a background with the Hex color 809AC3.

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](#).

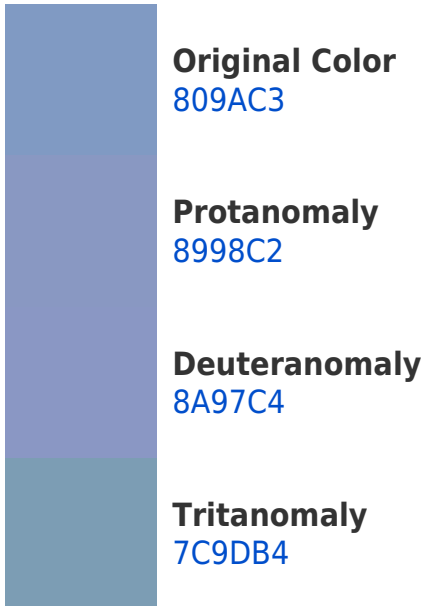
Dichromacy



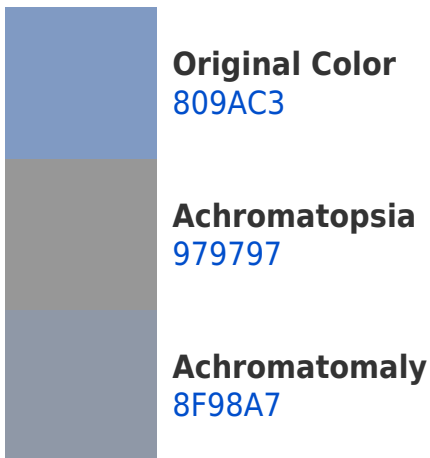


Tritanopia
7A9EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 809AC3 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 #809AC3 looks like.

```
.text, #text, p{  
    color:#809AC3  
}
```

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 #809AC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #809AC3  
}
```

Border

The CSS property to change the border of an element to Hex 809AC3 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  
#809AC3 }
```

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

```
.border{ border-color:#809AC3 }
```

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

Here you see how a box with a 4 pixel #809AC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #809AC3; -webkit-box-shadow:4px 4px  
4px 4px #809AC3; box-shadow:4px 4px 4px  
4px #809AC3 }
```

Background

The CSS property to change the background color of an element to Hex 809AC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#809AC3 }
```

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

```
.background{ background-color:#809AC3 }
```

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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