

Converting Colors

Hex(94ACC8)

Have a look what the booklet for
Hex(94ACC8) contains.

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Color

Hex(94ACC8)

Conversions

Conversions Part 1

Format	Color
Hex	94ACC8
RGB	148, 172, 200
RGB Percent	58%, 67%, 78%
CMY	0.4196, 0.3255, 0.2157
CMYK	0.26, 0.14, 0.00, 0.22
HSL	212°, 32%, 68%
HSV	212°, 26%, 78%
XYZ	37.3906, 39.9711, 60.3881
YIQ	168.0160, -23.2920, 3.6200

Conversions

Conversions Part 2

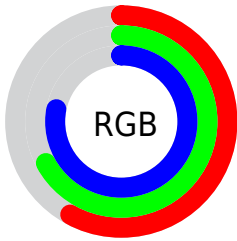
Format	Color
RYB	148, 164, 200
Decimal	9743560
CIELab	69.45, -1.95, -17.00
CIELCh	69, 17.107, 263.449
Yxy	39.9711, 0.2714, 0.2902
Android (android.graphics.Color)	4287933640 (0xFF94ACC8)
YUV	168.0160, 15.7681, -17.5540
Hunter-Lab	63.2227, -5.0728, -12.3758

Details

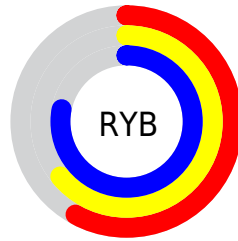
The Hex color **94ACC8** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C8B094**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **CBE3FF**, and **607892** is the 20% darker color. If you saturate the color by 10%, you get **80A1C8**, and if you desaturate by 10%, it is **A8B7C8**.

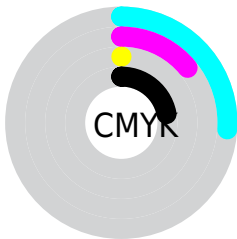
Distribution



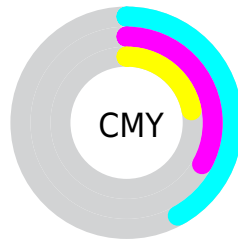
- Red (58%)
- Green (67%)
- Blue (78%)



- Red (58%)
- Yellow (64%)
- Blue (78%)



- Cyan (26%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (42%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94ACC8 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 94ACC8 by changing the saturation by 10% instead.

■ 94ACC8

■ 94ACC8

FFFFFF

■ 7A91AD

■ CBE3FF

■ 607892

■ E7FFFF

■ 475F78

■ 2F485F

■ 173148

■ 001C31

■ 00021D

■ 000000

■ 94ACC8

■ 94ACC8

80A1C8

A8B7C8

6C96C8

BCC2C8

588CC8

D0CCC8

4481C8

E4D7C8

3076C8

F8E2C8

1C6BC8

FFEDC8

0861C8

FFF7C8

005CC8

FFFFC8

Harmonies

Analogous

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



85B0C2



94ACC8



A8A7C6

Triad

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



94ACC8



CA9F9E



97B097

Complementary

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



94ACC8



C8B094

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.



A9AC8D



94ACC8



C5A291

Square

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



94ACC8



C79FAE



B9A78B



88B2A6

Rectangle

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



94ACC8



B5A3C0



B9A78B



9DAF93

Sweetspot

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



94ACC8



EBF4FF



94C8B0



737980



000000



808080

Same Dimension

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



94ACC8



B0D4FF



9694C8



5A5E63



004BA3



001024

Inverse Universe

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



C894AC



FFB0D4



C6C894



635A5E



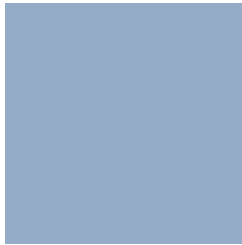
A3004B



240010

Previews

White Background



This preview shows how the Hex color 94ACC8 looks on a white background.

Color Contrast Check

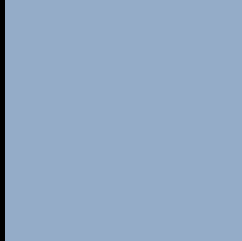
Large Text (above 18pt) WCAG AA × Fail

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 94ACC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

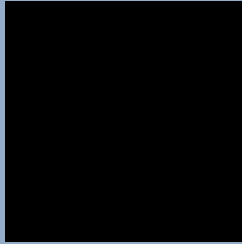
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

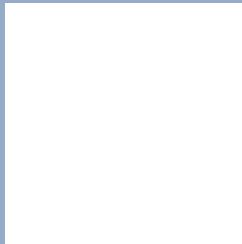
Any Text WCAG AAA ✓ Pass

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

Hex 94ACC8 Background



This preview shows how black text looks on a background with the Hex color 94ACC8.

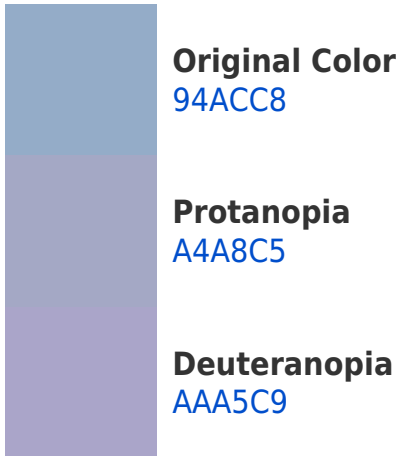


This preview shows how white text looks on a background with the Hex color 94ACC8.

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](#).

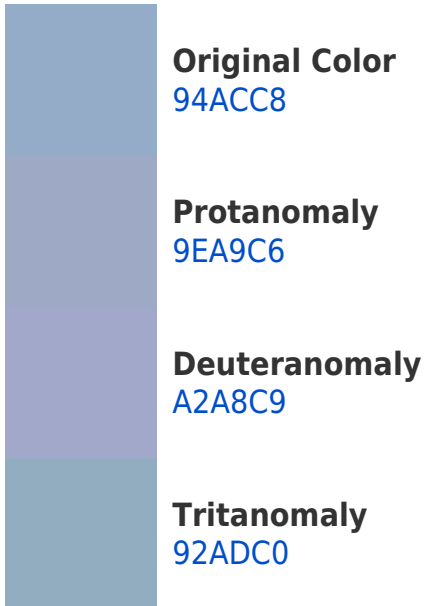
Dichromacy



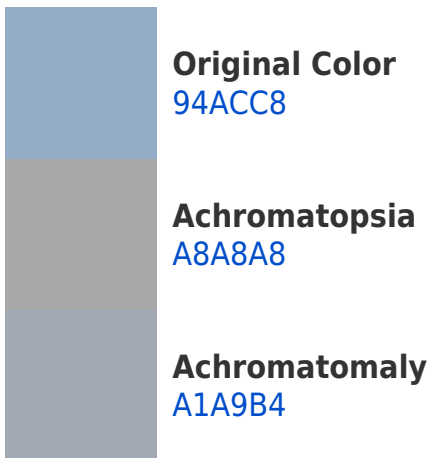


Tritanopia
91AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94ACC8 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 #94ACC8 looks like.

```
.text, #text, p{  
    color:#94ACC8  
}
```

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 #94ACC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94ACC8  
}
```

Border

The CSS property to change the border of an element to Hex 94ACC8 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  
#94ACC8 }
```

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

```
.border{ border-color:#94ACC8 }
```

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

Here you see how a box with a 4 pixel #94ACC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94ACC8; -webkit-box-shadow:4px 4px  
4px 4px #94ACC8; box-shadow:4px 4px 4px  
4px #94ACC8 }
```

Background

The CSS property to change the background color of an element to Hex 94ACC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94ACC8 }
```

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

```
.background{ background-color:#94ACC8 }
```

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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