

# Converting Colors

Hex(94A1C2)

Have a look what the booklet for  
Hex(94A1C2) contains.

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# Color

Hex(94A1C2)

# Conversions

## Conversions Part 1

Format	Color
Hex	94A1C2
RGB	148, 161, 194
RGB Percent	58%, 63%, 76%
CMY	0.4196, 0.3686, 0.2392
CMYK	0.24, 0.17, 0.00, 0.24
HSL	223°, 27%, 67%
HSV	223°, 24%, 76%
XYZ	34.6952, 35.6807, 56.0974
YIQ	160.8750, -18.3410, 7.5070

# Conversions

## Conversions Part 2

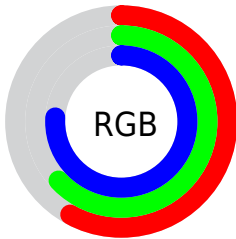
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	148, 158, 194
Decimal	9740738
CIE Lab	66.28, 2.70, -18.48
CIE LCh	66, 18.676, 278.326
Yxy	35.6807, 0.2743, 0.2821
Android (android.graphics.Color)	4287930818 (0xFF94A1C2)
YUV	160.8750, 16.3306, -11.2914
Hunter-Lab	59.7333, -0.8542, -13.8677

# Details

The Hex color **94A1C2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C2B594**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CBD8FB**, and **606E8C** is the 20% darker color. If you saturate the color by 10%, you get **8193C2**, and if you desaturate by 10%, it is **A7AFC2**.

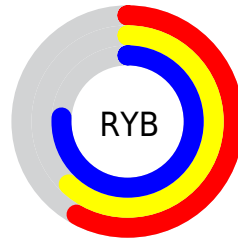
# Distribution



Red (58%)

Green (63%)

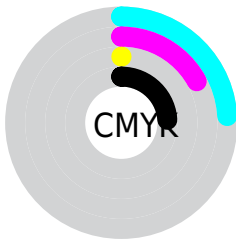
Blue (76%)



Red (58%)

Yellow (62%)

Blue (76%)

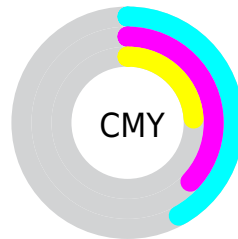


Cyan (24%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (37%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94A1C2 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 94A1C2 by changing the saturation by 10% instead.



■ 94A1C2

■ 94A1C2

FFFFFF

■ 7A87A7

■ CBD8FB

■ 606E8C

■ E7F4FF

■ 485573

■ 303E5A

■ 192843

■ 01142C

■ 000118

■ 000000

■ 94A1C2

■ 94A1C2

8193C2

A7AFC2

6D85C2

BBBDC2

5A77C2

CECBC2

4669C2

E2D9C2

335BC2

F5E7C2

204DC2

FFF5C2

0C40C2

FFFFC2

0037C2

# Harmonies

## Analogous

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



7FA6C0



94A1C2



AA9BBB

# Triad

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



94A1C2



C2978D



84AA94

# Complementary

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



94A1C2



C2B594

# 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.



96A687



94A1C2



B99C82

# Square

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



94A1C2



C3959D



A9A180



76ABA5

# Rectangle

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



94A1C2



B698B3



A9A180



8AA98F



# Sweetspot

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



94A1C2



EBF0FC



94C2B5



757880



000000



808080



# Same Dimension

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



94A1C2



B6CAFC



9E94C2



575A61



002DA1



000921



# Inverse Universe

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



C294A1



FCB6CA



B8C294



61575A



A1002D

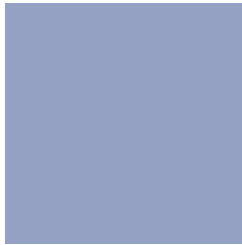


210009



# Previews

## White Background



This preview shows how the Hex color 94A1C2 looks on a white background.

## Color Contrast Check

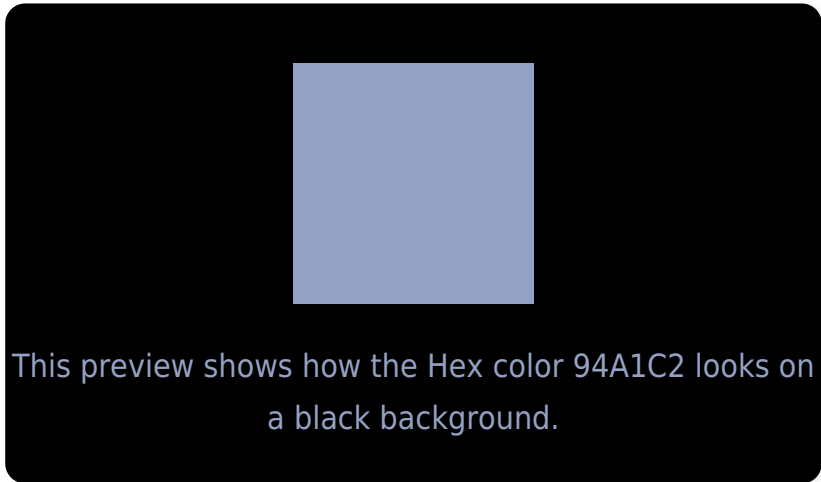
Large Text (above 18pt) WCAG AA × Fail

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

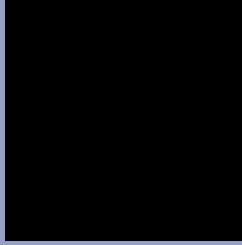
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94A1C2 Background



This preview shows how black text looks on a background with the Hex color 94A1C2.



This preview shows how white text looks on a background with the Hex color 94A1C2.

# 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**  
94A1C2

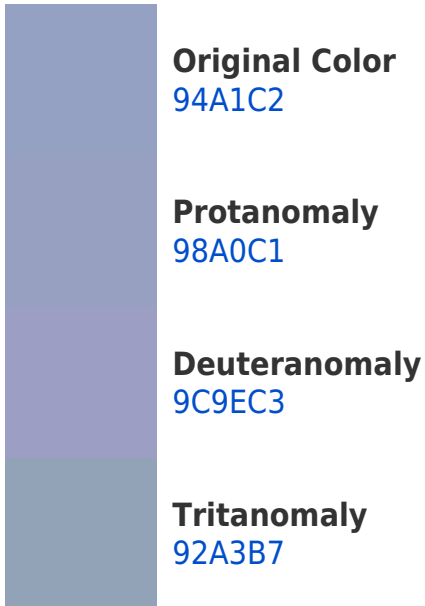
**Protanopia**  
9A9FC1

**Deuteranopia**  
A09DC3

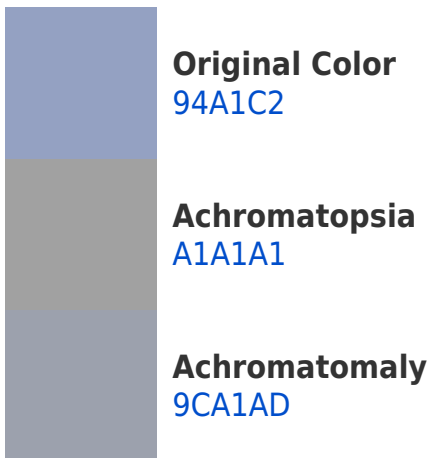


**Tritanopia**  
91A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94A1C2 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 #94A1C2 looks like.

```
.text, #text, p{  
    color:#94A1C2  
}
```

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 #94A1C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94A1C2
}
```

## Border

The CSS property to change the border of an element to Hex 94A1C2 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
#94A1C2 }
```

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

```
.border{ border-color:#94A1C2 }
```

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

Here you see how a box with a 4 pixel #94A1C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94A1C2; -webkit-box-shadow:4px 4px  
4px 4px #94A1C2; box-shadow:4px 4px 4px  
4px #94A1C2 }
```

# Background

The CSS property to change the background color of an element to Hex 94A1C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94A1C2 }
```

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

```
.background{ background-color:#94A1C2 }
```

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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