

# Converting Colors

Hex(94A5D2)

Have a look what the booklet for  
Hex(94A5D2) contains.

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# **Color**

**Hex(94A5D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94A5D2
RGB	148, 165, 210
RGB Percent	58%, 65%, 82%
CMY	0.4196, 0.3529, 0.1765
CMYK	0.30, 0.21, 0.00, 0.18
HSL	224°, 41%, 70%
HSV	224°, 30%, 82%
XYZ	37.3007, 37.8593, 66.3144
YIQ	165.0470, -24.5770, 10.3910

# Conversions

## Conversions Part 2

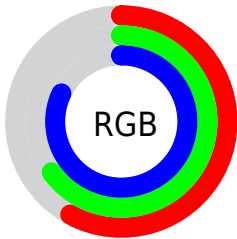
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 161, 210
Decimal	9741778
CIELab	67.92, 4.36, -24.85
CIELCh	68, 25.225, 279.950
Yxy	37.8593, 0.2637, 0.2676
Android (android.graphics.Color)	4287931858 (0xFF94A5D2)
YUV	165.0470, 22.1618, -14.9502
Hunter-Lab	61.5299, 0.5331, -20.8293

# Details

The Hex color **94A5D2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D2C194**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **CBDCFF**, and **60719B** is the 20% darker color. If you saturate the color by 10%, you get **7F96D2**, and if you desaturate by 10%, it is **A9B4D2**.

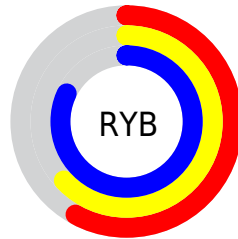
# Distribution



Red (58%)

Green (65%)

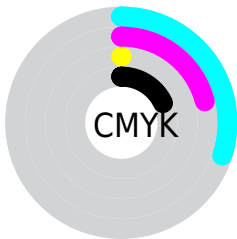
Blue (82%)



Red (58%)

Yellow (63%)

Blue (82%)

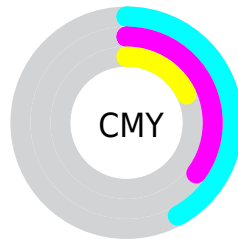


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (35%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94A5D2 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 94A5D2 by changing the saturation by 10% instead.



■ 94A5D2

■ 94A5D2

FFFFFF

■ 798BB6

■ CBDCFF

■ 60719B

■ E8F8FF

■ 465981

■ 2D4268

■ 132C50

■ 001839

■ 000223

■ 00000A

■ 000000

■ 94A5D2

■ 94A5D2

■ 7F96D2

■ A9B4D2

■ 6A87D2

■ BEC3D2

■ 5577D2

■ D3D3D2

■ 4068D2

■ E8E2D2

■ 2B59D2

■ FDF1D2

■ 164AD2

■ FFFFD2

■ 013AD2

■ 003AD2

# Harmonies

## Analogous

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



75ACD0



94A5D2



B39DC8

# Triad

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



94A5D2



D19889



7BB195

# Complementary

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



94A5D2



D2C194

# 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.



95AD82



94A5D2



C49F7B

# Square

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



94A5D2



D3959F



AEA679



67B2AD

# Rectangle

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



94A5D2



C399BD



AEA679



84B08E



# Sweetspot

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



94A5D2



E8EEFF



94D2C0



717580



000000



808080



# Same Dimension

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



94A5D2



A6BEFF



A194D2



5E6169



002EA8



000B29



# Inverse Universe

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



D294A5



FFA6BE



C5D294



695E61



A8002E

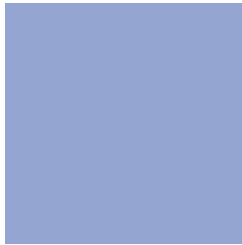


29000B



# Previews

## White Background



This preview shows how the Hex color 94A5D2 looks on a white background.

## Color Contrast Check

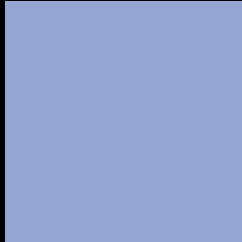
Large Text (above 18pt) WCAG AA × Fail

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 94A5D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

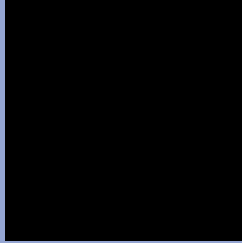
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

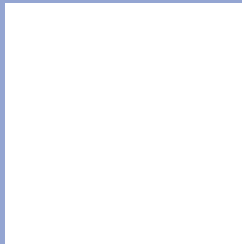
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94A5D2 Background



This preview shows how black text looks on a background with the Hex color 94A5D2.



This preview shows how white text looks on a background with the Hex color 94A5D2.

# 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**  
94A5D2

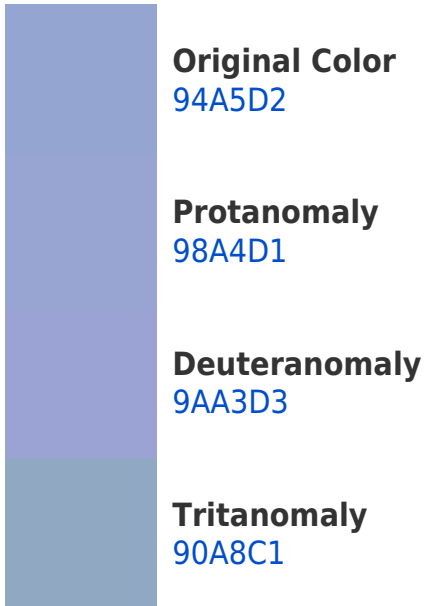
**Protanopia**  
9AA3D1

**Deuteranopia**  
9DA2D3

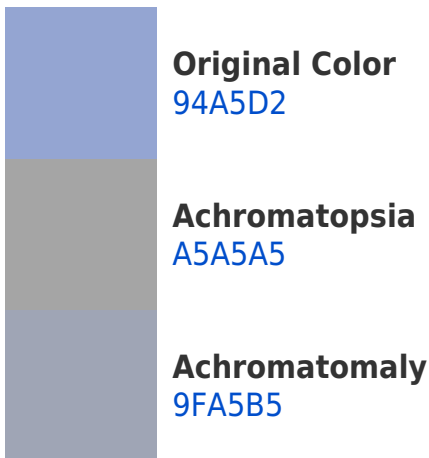


**Tritanopia**  
8EAAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94A5D2 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 #94A5D2 looks like.

```
.text, #text, p{  
    color:#94A5D2  
}
```

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 #94A5D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94A5D2
}
```

## Border

The CSS property to change the border of an element to Hex 94A5D2 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
#94A5D2 }
```

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

```
.border{ border-color:#94A5D2 }
```

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

Here you see how a box with a 4 pixel #94A5D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94A5D2; -webkit-box-shadow:4px 4px  
4px 4px #94A5D2; box-shadow:4px 4px 4px  
4px #94A5D2 }
```

# Background

The CSS property to change the background color of an element to Hex 94A5D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94A5D2 }
```

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

```
.background{ background-color:#94A5D2 }
```

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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