

Converting Colors

Hex(94B5D6)

Have a look what the booklet for
Hex(94B5D6) contains.

Hex(94B5D6)	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(94B5D6)

Conversions

Conversions Part 1

Format	Color
Hex	94B5D6
RGB	148, 181, 214
RGB Percent	58%, 71%, 84%
CMY	0.4196, 0.2902, 0.1608
CMYK	0.31, 0.15, 0.00, 0.16
HSL	210°, 45%, 71%
HSV	210°, 31%, 84%
XYZ	40.8742, 44.1987, 69.9952
YIQ	174.8950, -30.2610, 3.2670

Conversions

Conversions Part 2

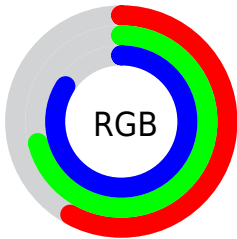
Format	Color
R_{YB}	148, 170, 214
Decimal	9745878
CIE _{Lab}	72.36, -3.46, -20.26
CIE _{LCh}	72, 20.557, 260.304
Yxy	44.1987, 0.2636, 0.2850
Android (android.graphics.Color)	4287935958 (0xFF94B5D6)
YUV	174.8950, 19.2788, -23.5869
Hunter-Lab	66.4821, -6.5991, -15.8856

Details

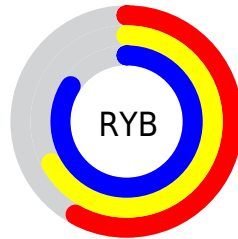
The Hex color **94B5D6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D6B594**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CBEDFF**, and **5F809F** is the 20% darker color. If you saturate the color by 10%, you get **7FAAD6**, and if you desaturate by 10%, it is **A9C0D6**.

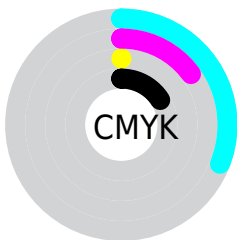
Distribution



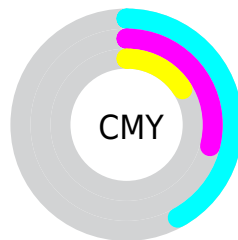
- Red (58%)
- Green (71%)
- Blue (84%)



- Red (58%)
- Yellow (67%)
- Blue (84%)



- Cyan (31%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (42%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94B5D6 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 94B5D6 by changing the saturation by 10% instead.

■ 94B5D6

■ 94B5D6

FFFFFF

■ 799ABA

■ CBEDFF

■ 5F809F

■ E8FFFF

■ 466785

■ 2C4F6C

■ 103853

■ 00233C

■ 000D26

■ 000110

■ 000000

 94B5D6

 94B5D6

 7FAAD6

 A9C0D6

 69A0D6

 BFCAD6

 5495D6

 D4D5D6

 3E8AD6

 EAE0D6

 297FD6

 FFEBD6

 1475D6

 FFF5D6

 006BD6

 FFFFD6

Harmonies

Analogous

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



82BACE



94B5D6



ADAFD4

Triad

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



94B5D6



D9A5A5



9DB999

Complementary

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



94B5D6



D6B594

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.



B2B48E



94B5D6



D4A895

Square

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



94B5D6



D3A5B8



C6AE8D



89BCAA

Rectangle

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



94B5D6



BDABCE



C6AE8D



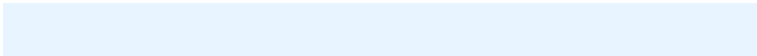
A4B894

Sweetspot

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



94B5D6



E8F4FF



94D6B5



717880



000000



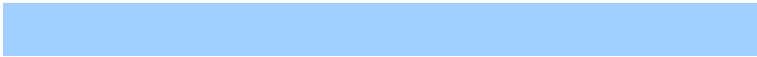
808080

Same Dimension

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



94B5D6



A1D0FF



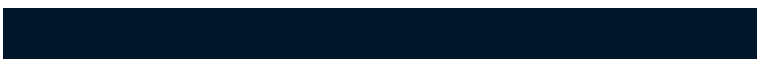
9494D6



60666B



0055AB



00162B

Inverse Universe

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



D694B5



FFA1D0



D6D694



6B6066



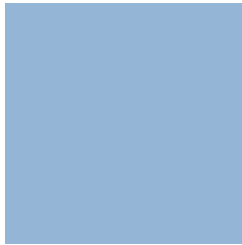
AB0055



2B0016

Previews

White Background



This preview shows how the Hex color 94B5D6 looks on a white background.

Color Contrast Check

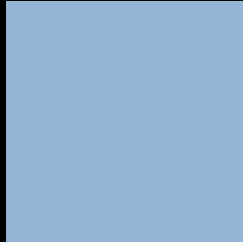
Large Text (above 18pt) WCAG AA × Fail

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 94B5D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

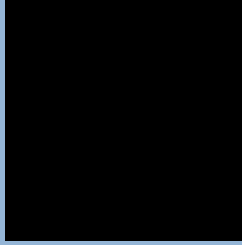
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

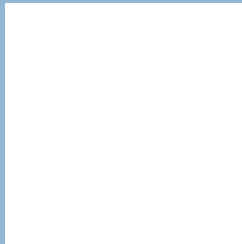
Any Text WCAG AAA ✓ Pass

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

Hex 94B5D6 Background



This preview shows how black text looks on a background with the Hex color 94B5D6.

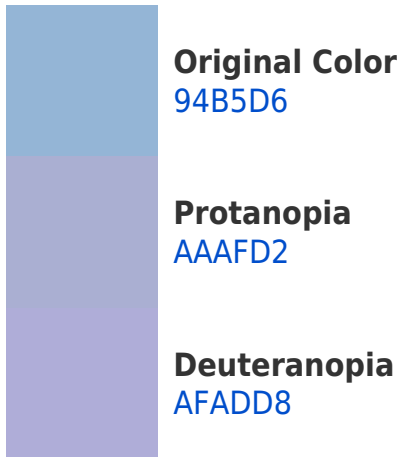


This preview shows how white text looks on a background with the Hex color 94B5D6.

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](#).

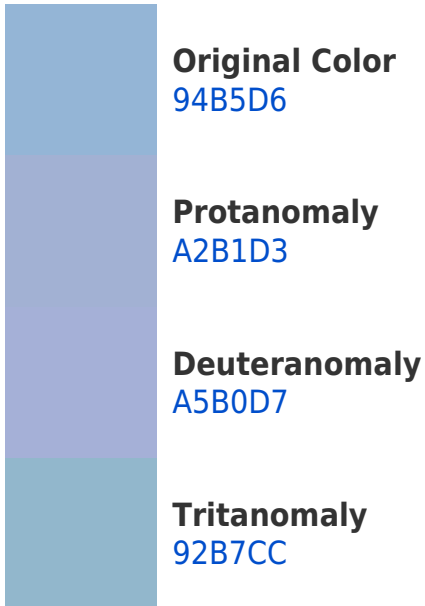
Dichromacy



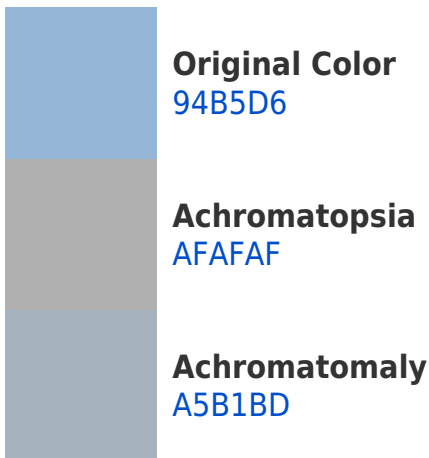


Tritanopia
91B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94B5D6 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 #94B5D6 looks like.

```
.text, #text, p{  
    color:#94B5D6  
}
```

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 #94B5D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94B5D6
}
```

Border

The CSS property to change the border of an element to Hex 94B5D6 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
#94B5D6 }
```

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

```
.border{ border-color:#94B5D6 }
```

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

Here you see how a box with a 4 pixel #94B5D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94B5D6; -webkit-box-shadow:4px 4px  
4px 4px #94B5D6; box-shadow:4px 4px 4px  
4px #94B5D6 }
```

Background

The CSS property to change the background color of an element to Hex 94B5D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94B5D6 }
```

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

```
.background{ background-color:#94B5D6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor