

Converting Colors

Hex(93B7D4)

Have a look what the booklet for
Hex(93B7D4) contains.

Hex(93B7D4)	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(93B7D4)

Conversions

Conversions Part 1

Format	Color
Hex	93B7D4
RGB	147, 183, 212
RGB Percent	58%, 72%, 83%
CMY	0.4235, 0.2824, 0.1686
CMYK	0.31, 0.14, 0.00, 0.17
HSL	207°, 43%, 70%
HSV	207°, 31%, 83%
XYZ	40.8498, 44.8235, 68.7861
YIQ	175.5420, -30.7650, 1.3870

Conversions

Conversions Part 2

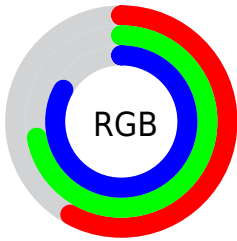
Format	Color
RYB	147, 170, 212
Decimal	9680852
CIELab	72.78, -5.32, -18.55
CIELCh	73, 19.298, 253.986
Yxy	44.8235, 0.2645, 0.2902
Android (android.graphics.Color)	4287870932 (0xFF93B7D4)
YUV	175.5420, 17.9738, -25.0313
Hunter-Lab	66.9503, -8.2513, -14.0505

Details

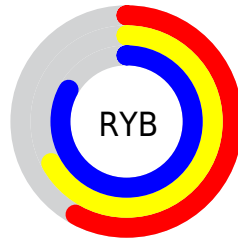
The Hex color **93B7D4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D4B093**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CAEFFF**, and **5E829D** is the 20% darker color. If you saturate the color by 10%, you get **7EAED4**, and if you desaturate by 10%, it is **A8C0D4**.

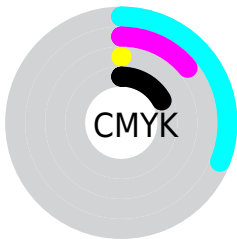
Distribution



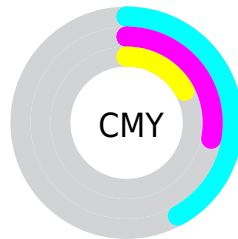
- Red (58%)
- Green (72%)
- Blue (83%)



- Red (58%)
- Yellow (67%)
- Blue (83%)



- Cyan (31%)
- Magenta (14%)
- Yellow (0%)
- Black (17%)



- Cyan (42%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B7D4 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 93B7D4 by changing the saturation by 10% instead.

■ 93B7D4

■ 93B7D4

FFFFFF

■ 789CB8

■ CAEFFF

■ 5E829D

■ E7FFFF

■ 456983

■ 2B516A

■ 0F3A52

■ 00253B

■ 000F25

■ 00010E

■ 000000

■ 93B7D4

■ 93B7D4

■ 7EAED4

■ A8C0D4

■ 69A4D4

■ BDCAD4

■ 539BD4

■ D3D3D4

■ 3E91D4

■ E8DDD4

■ 2988D4

■ FDE6D4

■ 147ED4

■ FFF0D4

■ 0075D4

■ FFF9D4

■ FFFFD4

Harmonies

Analogous

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



85BBCA



93B7D4



A9B1D5

Triad

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



93B7D4



D7A6AB



A3B999

Complementary

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



93B7D4



D4B093

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.



B8B490



93B7D4



D5A99B

Square

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



93B7D4



D0A7BD



C9AE91



91BCA8

Rectangle

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



93B7D4



B9ADD0



C9AE91



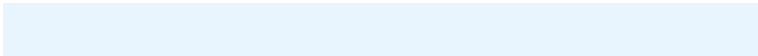
AAB895

Sweetspot

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



93B7D4



E8F5FF



93D4AF



717980



000000



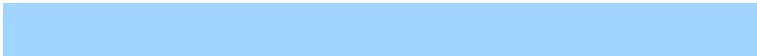
808080

Same Dimension

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



93B7D4



A1D5FF



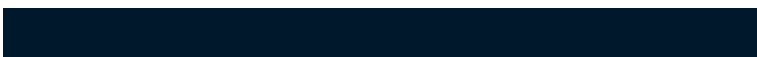
9397D4



60666B



005FAB



00182B

Inverse Universe

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



D493B7



FFA1D5



D4D093



6B6066



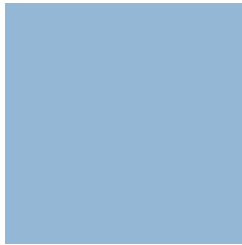
AB005F



2B0018

Previews

White Background



This preview shows how the Hex color 93B7D4 looks on a white background.

Color Contrast Check

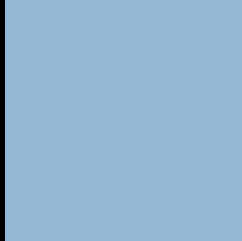
Large Text (above 18pt) WCAG AA × Fail

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 93B7D4 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

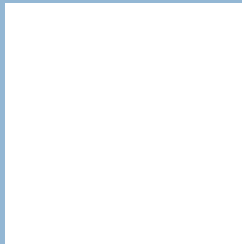
Any Text WCAG AAA ✓ Pass

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

Hex 93B7D4 Background



This preview shows how black text looks on a background with the Hex color 93B7D4.

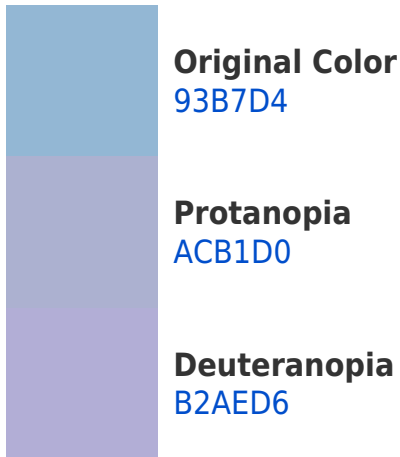


This preview shows how white text looks on a background with the Hex color 93B7D4.

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](#).

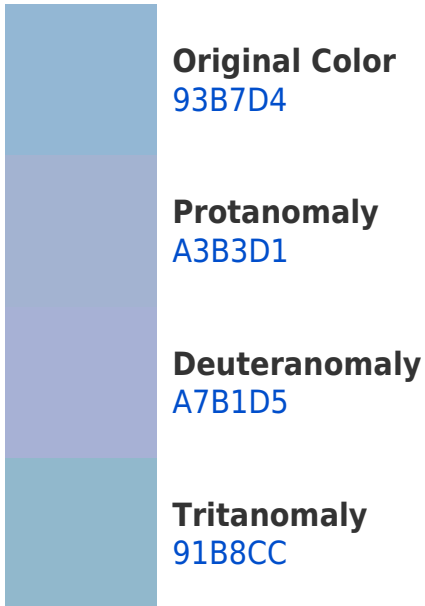
Dichromacy



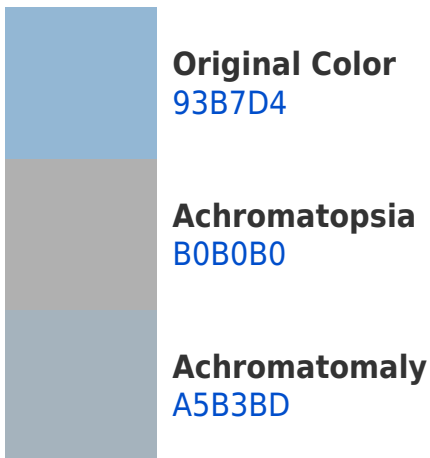


Tritanopia
90B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93B7D4 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 #93B7D4 looks like.

```
.text, #text, p{  
    color:#93B7D4  
}
```

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 #93B7D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B7D4
}
```

Border

The CSS property to change the border of an element to Hex 93B7D4 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
#93B7D4 }
```

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

```
.border{ border-color:#93B7D4 }
```

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

Here you see how a box with a 4 pixel #93B7D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B7D4; -webkit-box-shadow:4px 4px  
4px 4px #93B7D4; box-shadow:4px 4px 4px  
4px #93B7D4 }
```

Background

The CSS property to change the background color of an element to Hex 93B7D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B7D4 }
```

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

```
.background{ background-color:#93B7D4 }
```

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