

Converting Colors

Hex(93B6D2)

Have a look what the booklet for
Hex(93B6D2) contains.

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Color

Hex(93B6D2)

Conversions

Conversions Part 1

Format	Color
Hex	93B6D2
RGB	147, 182, 210
RGB Percent	58%, 71%, 82%
CMY	0.4235, 0.2863, 0.1765
CMYK	0.30, 0.13, 0.00, 0.18
HSL	207°, 41%, 70%
HSV	207°, 30%, 82%
XYZ	40.3934, 44.3121, 67.3969
YIQ	174.7270, -29.8480, 1.2880

Conversions

Conversions Part 2

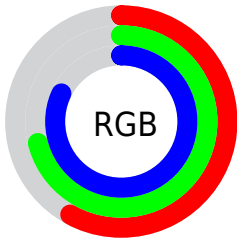
Format	Color
RYB	147, 170, 210
Decimal	9680594
CIELab	72.44, -5.27, -17.97
CIELCh	72, 18.728, 253.646
Yxy	44.3121, 0.2656, 0.2913
Android (android.graphics.Color)	4287870674 (0xFF93B6D2)
YUV	174.7270, 17.3896, -24.3166
Hunter-Lab	66.5673, -8.1780, -13.4318

Details

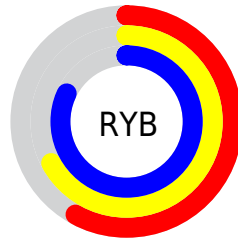
The Hex color **93B6D2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D2AF93**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CAEEFF**, and **5E819B** is the 20% darker color. If you saturate the color by 10%, you get **7EADD2**, and if you desaturate by 10%, it is **A8BFD2**.

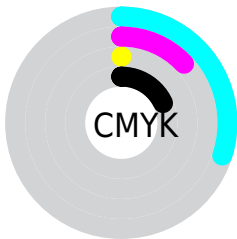
Distribution



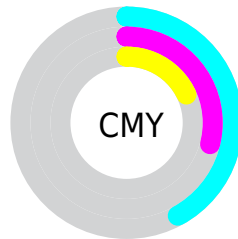
- Red (58%)
- Green (71%)
- Blue (82%)



- Red (58%)
- Yellow (67%)
- Blue (82%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (42%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B6D2 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 93B6D2 by changing the saturation by 10% instead.

■ 93B6D2

■ 93B6D2

FFFFFF

■ 789BB6

■ CAEEFF

■ 5E819B

■ E7FFFF

■ 456881

■ 2C5068

■ 103950

■ 002439

■ 000E24

■ 00000C

■ 000000

■ 93B6D2

■ 93B6D2

■ 7EADD2

■ A8BFD2

■ 69A3D2

■ BDC9D2

■ 549AD2

■ D2D2D2

■ 3F91D2

■ E7DBD2

■ 2A87D2

■ FCE5D2

■ 157ED2

■ FFEED2

■ 0075D2

■ FFF7D2

■ FFFFD2

Harmonies

Analogous

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



85BAC9



93B6D2



A9B0D3

Triad

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



93B6D2



D5A6AA



A3B899

Complementary

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



93B6D2



D2AF93

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.



B7B390



93B6D2



D3A89B

Square

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



93B6D2



CEA7BC



C8AD91



91BBA7

Rectangle

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



93B6D2



B7ADCE



C8AD91



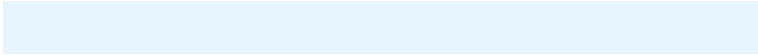
AAB695

Sweetspot

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



93B6D2



E8F5FF



93D2AE



717980



000000



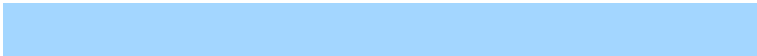
808080

Same Dimension

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



93B6D2



A3D6FF



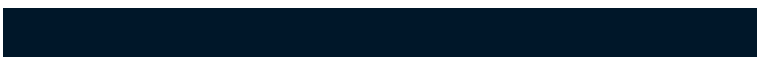
9397D2



5E6469



005DA8



001729

Inverse Universe

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



D293B6



FFA3D6



D2CE93



695E64



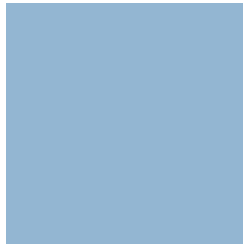
A8005E



290017

Previews

White Background



This preview shows how the Hex color 93B6D2 looks on a white background.

Color Contrast Check

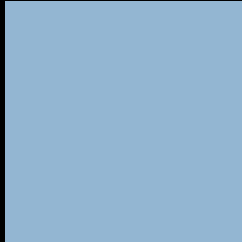
Large Text (above 18pt) WCAG AA × Fail

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 93B6D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

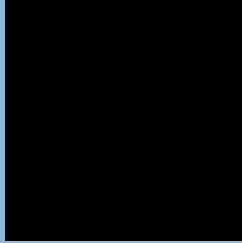
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

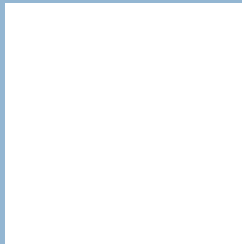
Any Text WCAG AAA ✓ Pass

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

Hex 93B6D2 Background



This preview shows how black text looks on a background with the Hex color 93B6D2.

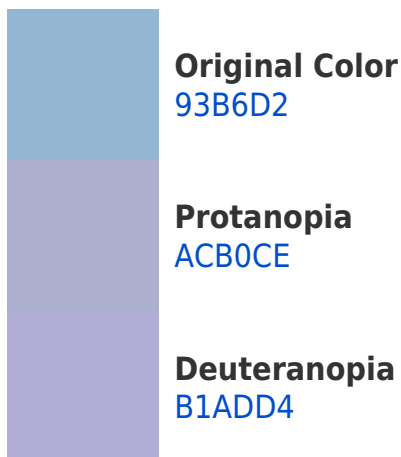


This preview shows how white text looks on a background with the Hex color 93B6D2.

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](#).

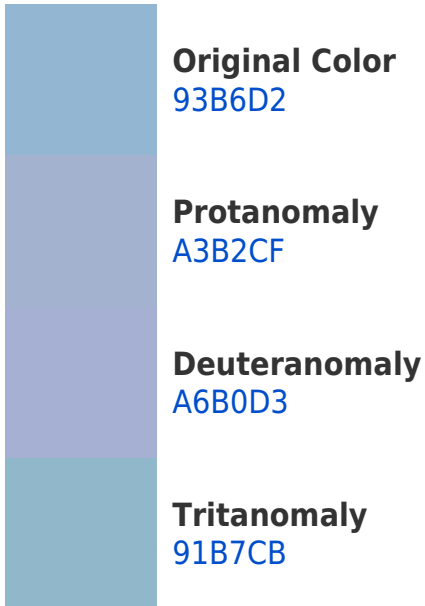
Dichromacy



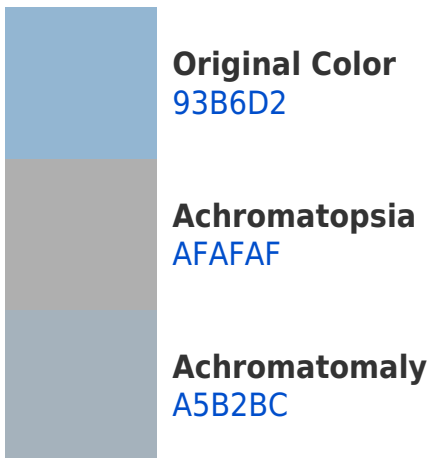


Tritanopia
90B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93B6D2 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 #93B6D2 looks like.

```
.text, #text, p{  
    color:#93B6D2  
}
```

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 #93B6D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B6D2
}
```

Border

The CSS property to change the border of an element to Hex 93B6D2 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
#93B6D2 }
```

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

```
.border{ border-color:#93B6D2 }
```

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

Here you see how a box with a 4 pixel #93B6D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B6D2; -webkit-box-shadow:4px 4px  
4px 4px #93B6D2; box-shadow:4px 4px 4px  
4px #93B6D2 }
```

Background

The CSS property to change the background color of an element to Hex 93B6D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B6D2 }
```

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

```
.background{ background-color:#93B6D2 }
```

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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