

Converting Colors

Hex(93B6D4)

Have a look what the booklet for
Hex(93B6D4) contains.

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Color

Hex(93B6D4)

Conversions

Conversions Part 1

Format	Color
Hex	93B6D4
RGB	147, 182, 212
RGB Percent	58%, 71%, 83%
CMY	0.4235, 0.2863, 0.1686
CMYK	0.31, 0.14, 0.00, 0.17
HSL	208°, 43%, 70%
HSV	208°, 31%, 83%
XYZ	40.6442, 44.4124, 68.7176
YIQ	174.9550, -30.4900, 1.9100

Conversions

Conversions Part 2

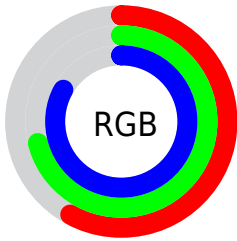
Format	Color
R_{YB}	147, 170, 212
Decimal	9680596
CIE Lab	72.50, -4.78, -18.96
CIE LCh	73, 19.556, 255.839
Yxy	44.4124, 0.2643, 0.2888
Android (android.graphics.Color)	4287870676 (0xFF93B6D4)
YUV	174.9550, 18.2632, -24.5165
Hunter-Lab	66.6426, -7.7604, -14.4862

Details

The Hex color **93B6D4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D4B193**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CAEEFF**, and **5E819D** is the 20% darker color. If you saturate the color by 10%, you get **7EACD4**, and if you desaturate by 10%, it is **A8C0D4**.

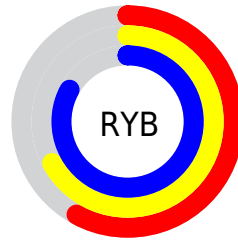
Distribution



Red (58%)

Green (71%)

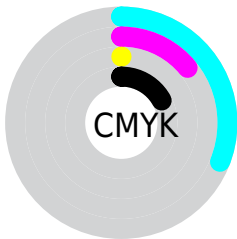
Blue (83%)



Red (58%)

Yellow (67%)

Blue (83%)

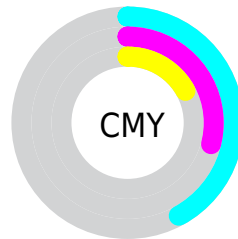


Cyan (31%)

Magenta (14%)

Yellow (0%)

Black (17%)



Cyan (42%)

Magenta (29%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B6D4 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 93B6D4 by changing the saturation by 10% instead.

■ 93B6D4

■ 93B6D4

FFFFFF

■ 789BB8

■ CAEEFF

■ 5E819D

■ E7FFFF

■ 456883

■ 2B506A

■ 0F3952

■ 00243B

■ 000E25

■ 00010E

■ 000000

■ 93B6D4

■ 93B6D4

■ 7EACD4

■ A8C0D4

■ 69A2D4

■ BDCAD4

■ 5399D4

■ D3D3D4

■ 3E8FD4

■ E8DDD4

■ 2985D4

■ FDE7D4

■ 147BD4

■ FFF1D4

■ 0072D4

■ FFFAD4

■ FFFFD4

Harmonies

Analogous

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



84BACB



93B6D4



AAB0D4

Triad

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



93B6D4



D7A5A9



A1B999

Complementary

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



93B6D4



D4B193

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.



B6B48F



93B6D4



D4A899

Square

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



93B6D4



D1A6BB



C8AE90



8EBCA8

Rectangle

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



93B6D4



B9ACCF



C8AE90



A8B795

Sweetspot

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



93B6D4



E8F4FF



93D4B0



717980



000000



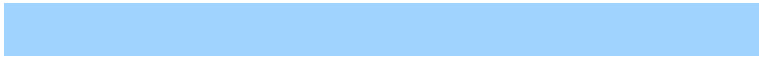
808080

Same Dimension

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



93B6D4



A1D3FF



9396D4



60666B



005CAB



00172B

Inverse Universe

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



D493B6



FFA1D3



D4D193



6B6066



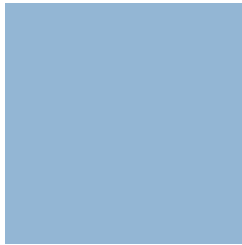
AB005C



2B0017

Previews

White Background



This preview shows how the Hex color 93B6D4 looks on a white background.

Color Contrast Check

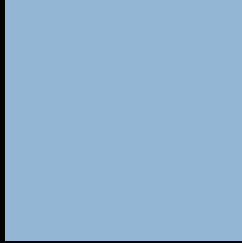
Large Text (above 18pt) WCAG AA × Fail

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 93B6D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

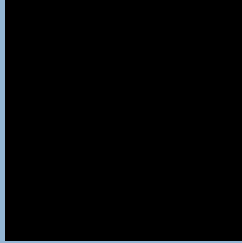
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

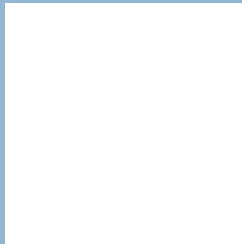
Any Text WCAG AAA ✓ Pass

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

Hex 93B6D4 Background



This preview shows how black text looks on a background with the Hex color 93B6D4.

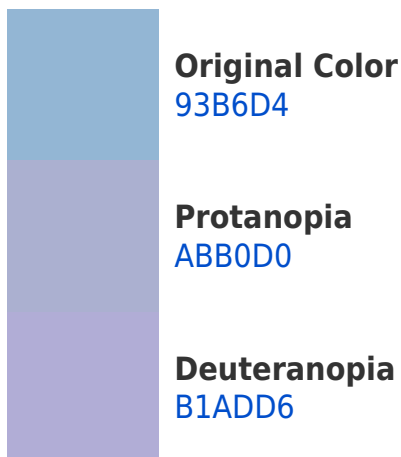


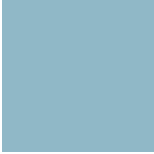
This preview shows how white text looks on a background with the Hex color 93B6D4.

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](#).

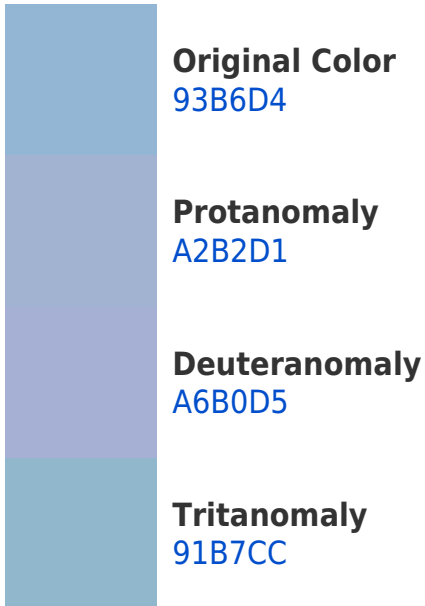
Dichromacy



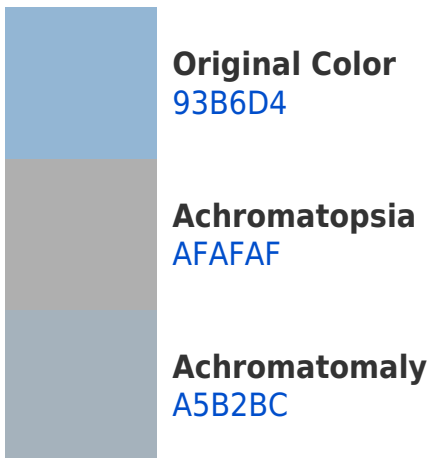


Tritanopia
90B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93B6D4 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 #93B6D4 looks like.

```
.text, #text, p{  
    color:#93B6D4  
}
```

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 #93B6D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B6D4
}
```

Border

The CSS property to change the border of an element to Hex 93B6D4 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
#93B6D4 }
```

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

```
.border{ border-color:#93B6D4 }
```

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

Here you see how a box with a 4 pixel #93B6D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B6D4; -webkit-box-shadow:4px 4px  
4px 4px #93B6D4; box-shadow:4px 4px 4px  
4px #93B6D4 }
```

Background

The CSS property to change the background color of an element to Hex 93B6D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B6D4 }
```

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

```
.background{ background-color:#93B6D4 }
```

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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