

Converting Colors

Hex(93A8D0)

Have a look what the booklet for
Hex(93A8D0) contains.

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Color

Hex(93A8D0)

Conversions

Conversions Part 1

Format	Color
Hex	93A8D0
RGB	147, 168, 208
RGB Percent	58%, 66%, 82%
CMY	0.4235, 0.3412, 0.1843
CMYK	0.29, 0.19, 0.00, 0.18
HSL	219°, 39%, 70%
HSV	219°, 29%, 82%
XYZ	37.4204, 38.7624, 65.1841
YIQ	166.2810, -25.3560, 7.9880

Conversions

Conversions Part 2

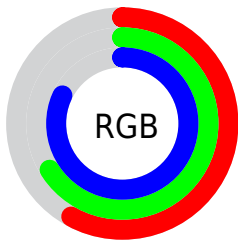
Format	Color
RYB	147, 163, 208
Decimal	9677008
CIELab	68.58, 1.90, -22.74
CIELCh	69, 22.815, 274.768
Yxy	38.7624, 0.2647, 0.2742
Android (android.graphics.Color)	4287867088 (0xFF93A8D0)
YUV	166.2810, 20.5675, -16.9094
Hunter-Lab	62.2594, -1.6684, -18.4936

Details

The Hex color **93A8D0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D0BB93**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **CADFFF**, and **5F749A** is the 20% darker color. If you saturate the color by 10%, you get **7E9AD0**, and if you desaturate by 10%, it is **A8B6D0**.

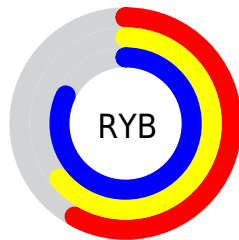
Distribution



Red (58%)

Green (66%)

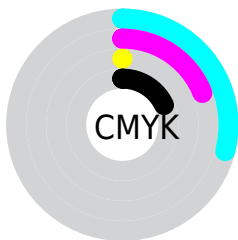
Blue (82%)



Red (58%)

Yellow (64%)

Blue (82%)

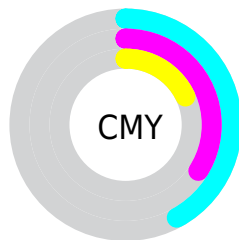


Cyan (29%)

Magenta (19%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (34%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93A8D0 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 93A8D0 by changing the saturation by 10% instead.

■ 93A8D0

■ 93A8D0

FFFFFF

■ 788EB4

■ CADFFF

■ 5F749A

■ E7FCFF

■ 455C7F

■ 2D4466

■ 122E4E

■ 001A37

■ 000222

■ 000007

■ 000000

 93A8D0

 93A8D0

 7E9AD0

 A8B6D0

 698DD0

 BDC3D0

 557FD0

 D1D1D0

 4071D0

 E6DFD0

 2B64D0

 FBEC D0

 1656D0

 FFFAD0

 0149D0

 FFFF D0

 0048D0

Harmonies

Analogous

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



79AECC



93A8D0



AFA1C9

Triad

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



93A8D0



D09A91



85B195

Complementary

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



93A8D0



D0BB93

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.



9DAD85



93A8D0



C6A083

Square

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



93A8D0



D098A5



B3A77E



72B3AA

Rectangle

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



93A8D0



BF9DBF



B3A77E



8DB08F

Sweetspot

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



93A8D0



E8F0FF



93D0BB



717680



000000



808080

Same Dimension

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



93A8D0



A6C4FF



9C93D0



5E6269



003AA8



000E29

Inverse Universe

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



D093A8



FFA6C4



C7D093



695E62



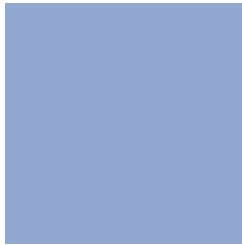
A8003A



29000E

Previews

White Background



This preview shows how the Hex color 93A8D0 looks on a white background.

Color Contrast Check

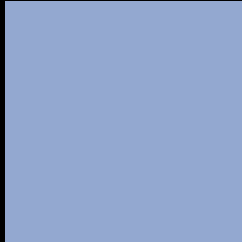
Large Text (above 18pt) WCAG AA × Fail

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 93A8D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

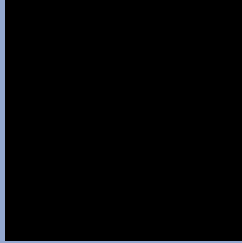
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

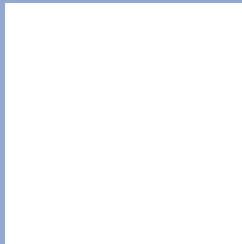
Any Text WCAG AAA ✓ Pass

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

Hex 93A8D0 Background



This preview shows how black text looks on a background with the Hex color 93A8D0.



This preview shows how white text looks on a background with the Hex color 93A8D0.

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

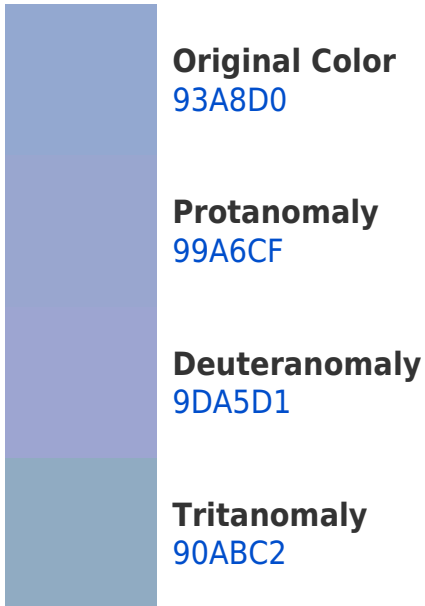


Original Color
93A8D0

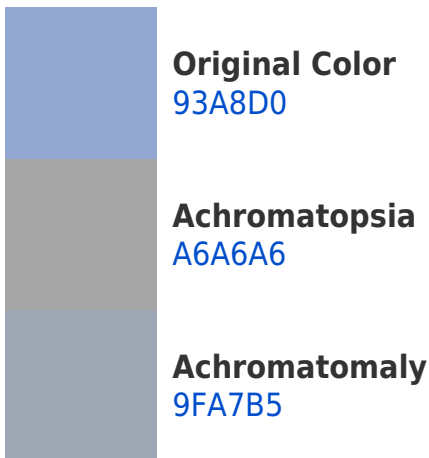
Protanopia
9DA5CE

Deuteranopia
A2A4D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93A8D0 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 #93A8D0 looks like.

```
.text, #text, p{  
    color:#93A8D0  
}
```

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 #93A8D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A8D0
}
```

Border

The CSS property to change the border of an element to Hex 93A8D0 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
#93A8D0 }
```

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

```
.border{ border-color:#93A8D0 }
```

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

Here you see how a box with a 4 pixel #93A8D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A8D0; -webkit-box-shadow:4px 4px  
4px 4px #93A8D0; box-shadow:4px 4px 4px  
4px #93A8D0 }
```

Background

The CSS property to change the background color of an element to Hex 93A8D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A8D0 }
```

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

```
.background{ background-color:#93A8D0 }
```

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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