

Converting Colors

Hex(93AFDC)

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

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Color

Hex(93AFDC)

Conversions

Conversions Part 1

Format	Color
Hex	93AFDC
RGB	147, 175, 220
RGB Percent	58%, 69%, 86%
CMY	0.4235, 0.3137, 0.1373
CMYK	0.33, 0.20, 0.00, 0.14
HSL	217°, 51%, 72%
HSV	217°, 33%, 86%
XYZ	40.2809, 42.0303, 73.6998
YIQ	171.7580, -31.1330, 8.0590

Conversions

Conversions Part 2

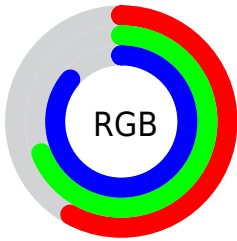
Format	Color
RYB	147, 167, 220
Decimal	9678812
CIELab	70.89, 1.04, -25.79
CIELCh	71, 25.810, 272.300
Yxy	42.0303, 0.2582, 0.2694
Android (android.graphics.Color)	4287868892 (0xFF93AFDC)
YUV	171.7580, 23.7833, -21.7128
Hunter-Lab	64.8308, -2.5477, -22.0195

Details

The Hex color **93AFDC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DCC093**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **CBE6FF**, and **5E7BA5** is the 20% darker color. If you saturate the color by 10%, you get **7DA1DC**, and if you desaturate by 10%, it is **A9BDDC**.

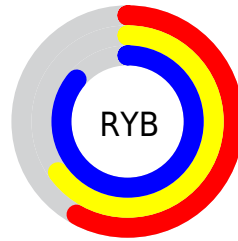
Distribution



Red (58%)

Green (69%)

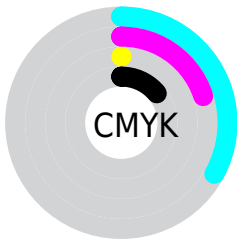
Blue (86%)



Red (58%)

Yellow (65%)

Blue (86%)

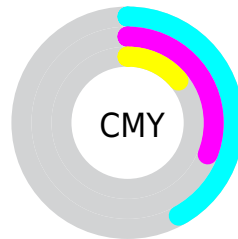


Cyan (33%)

Magenta (20%)

Yellow (0%)

Black (14%)



Cyan (42%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

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

■ 93AFDC

■ 93AFDC

FFFFFF

■ 7894C0

■ CBE6FF

■ 5E7BA5

■ E7FFFF

■ 44628A

■ 2A4A71

■ 0A3458

■ 001F41

■ 00052B

■ 000115

■ 000000

 93AFDC

 93AFDC

 7DA1DC

 A9BDDC

 6794DC

 BFCADC

 5186DC

 D5D8DC

 3B79DC

 EBE5DC

 256BDC

 FFF3DC

 0F5EDC

 FFFFDC

 0054DC

Harmonies

Analogous

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



75B6D6



93AFDC



B4A7D5

Triad

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



93AFDC



DC9E95



88B997

Complementary

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



93AFDC



DCC093

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.



A3B485



93AFDC



D1A585

Square

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



93AFDC



DB9CAC



BDAD7F



71BBAF

Rectangle

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



93AFDC



C6A2CA



BDAD7F



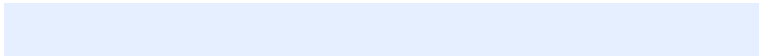
91B790

Sweetspot

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



93AFDC



E6EFFF



93DCBF



707680



000000



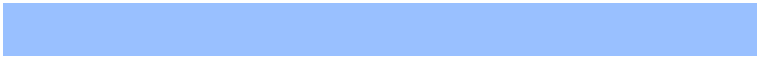
808080

Same Dimension

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



93AFDC



99C0FF



9A93DC



63676E



0043AD



00122E

Inverse Universe

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



DC93AF



FF99C0



D5DC93



6E6367



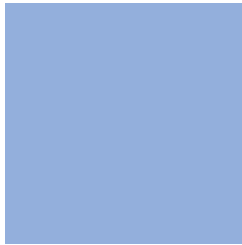
AD0043



2E0012

Previews

White Background



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

Color Contrast Check

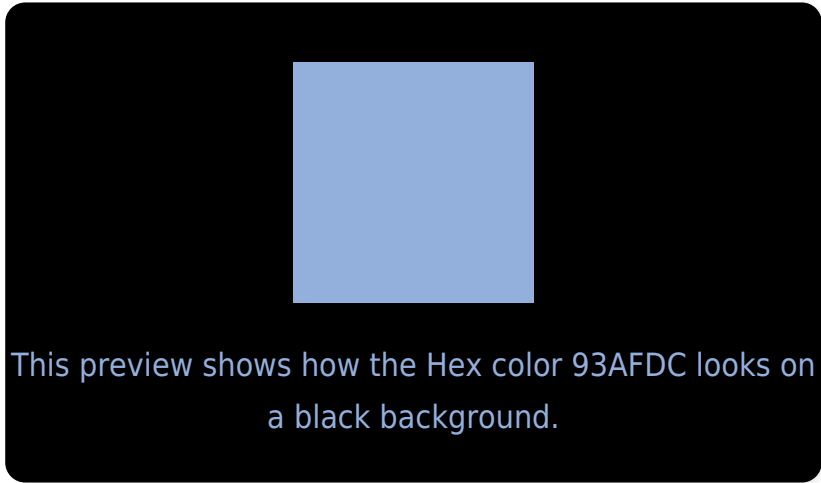
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

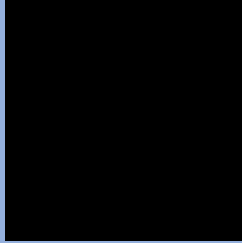
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

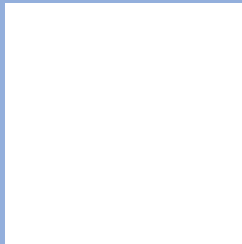
Any Text WCAG AAA ✓ Pass

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

Hex 93AFDC Background



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

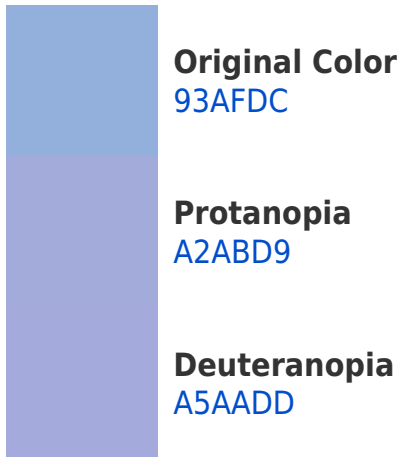


This preview shows how white text looks on a background with the Hex color 93AFDC.

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](#).

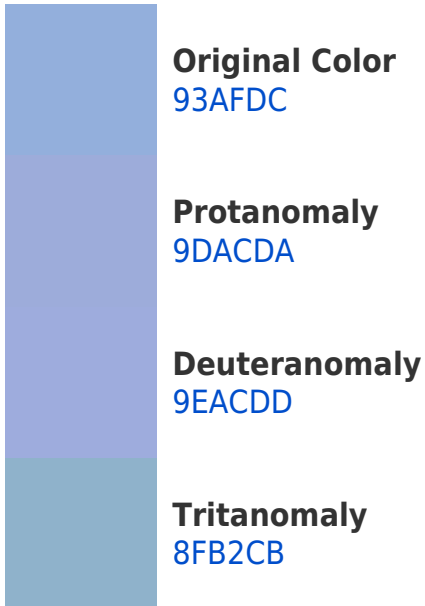
Dichromacy



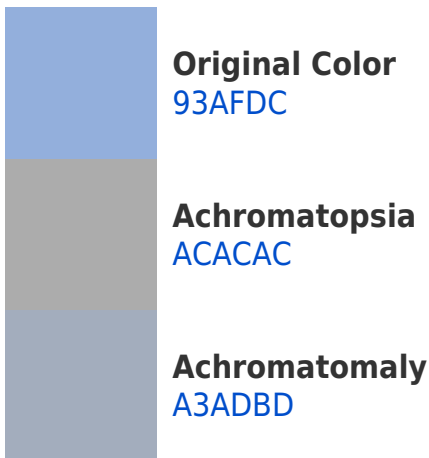


Tritanopia
8DB4C2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #93AFDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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