

# Converting Colors

Hex(94BCDF)

Have a look what the booklet for  
Hex(94BCDF) contains.

<b>Hex(94BCDF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(94BCDF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94BCDF
RGB	148, 188, 223
RGB Percent	58%, 74%, 87%
CMY	0.4196, 0.2627, 0.1255
CMYK	0.34, 0.16, 0.00, 0.13
HSL	208°, 54%, 73%
HSV	208°, 34%, 87%
XYZ	43.5152, 47.5901, 76.7043
YIQ	180.0300, -35.0750, 2.4050

# Conversions

## Conversions Part 2

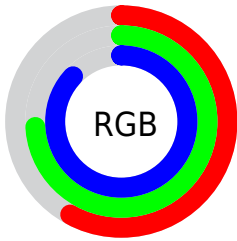
Format	Color
<a href="#">RYB</a>	<a href="#">148, 174, 223</a>
Decimal	<a href="#">9747679</a>
CIELab	<a href="#">74.57, -5.01, -21.81</a>
CIELCh	<a href="#">75, 22.377, 257.075</a>
Yxy	<a href="#">47.5901, 0.2593, 0.2836</a>
Android (android.graphics.Color)	<a href="#">4287937759 (0xFF94BCDF)</a>
YUV	<a href="#">180.0300, 21.1842, -28.0903</a>
Hunter-Lab	<a href="#">68.9855, -8.1291, -17.6341</a>

# Details

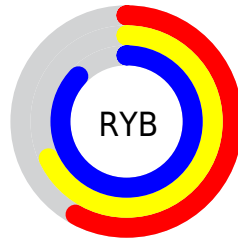
The Hex color **94BCDF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DFB794**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **CCF4FF**, and **5F87A8** is the 20% darker color. If you saturate the color by 10%, you get **7EB2DF**, and if you desaturate by 10%, it is **AAC6DF**.

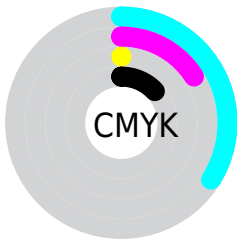
# Distribution



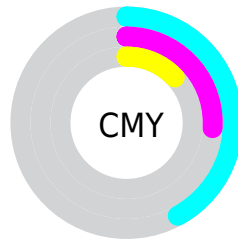
- Red (58%)
- Green (74%)
- Blue (87%)



- Red (58%)
- Yellow (68%)
- Blue (87%)



- Cyan (34%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (42%)
- Magenta (26%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94BCDF 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 94BCDF by changing the saturation by 10% instead.



 94BCDF

 94BCDF

FFFFFF

 79A1C3

 CCF4FF

 5F87A8

 E9FFFF

 446E8D

 2A5574

 083E5B

 002843

 00142D

 000118

 000000

 94BCDF

 94BCDF

 7EB2DF

 AAC6DF

 67A7DF

 C1D1DF

 519DDF

 D7DBDF

 3B92DF

 EDE6DF

 2488DF

 FFF0DF

 0E7EDF

 FFFADF

 0077DF

 FFFFDF

# Harmonies

## Analogous

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



81C1D5



94BCDF



AFB5DF

# Triad

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



94BCDF



E2A9AC



A3BF9B

# Complementary

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



94BCDF



DFB794

# 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.



BBBA90



94BCDF



DEAD9A

# Square

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



94BCDF



DBAAC1



CFB390



8DC3AE

# Rectangle

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



94BCDF



C1B1D8



CFB390



ABBE96

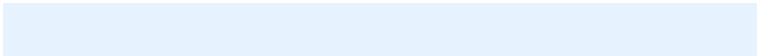


# Sweetspot

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



94BCDF



E6F3FF



94DFB7



707880



000000



808080

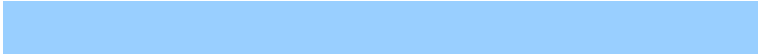


# Same Dimension

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



94BCDF



99CFFF



9497DF



656B70



005EB0



001A30



# Inverse Universe

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



DF94BC



FF99CF



DFDD94



70656B



B0005E

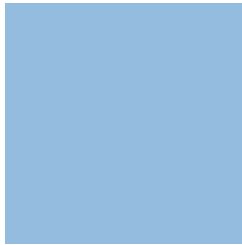


30001A



# Previews

## White Background



This preview shows how the Hex color 94BCDF looks on a white background.

## Color Contrast Check

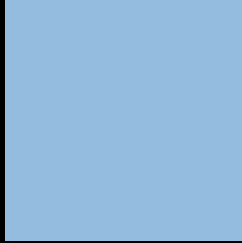
Large Text (above 18pt) WCAG AA × Fail

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 94BCDF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

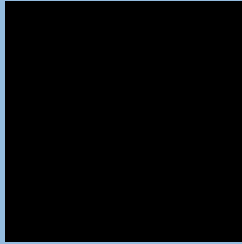
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

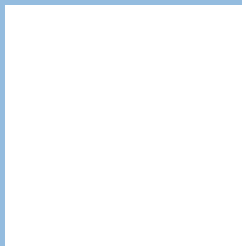
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94BCDF Background



This preview shows how black text looks on a background with the Hex color 94BCDF.

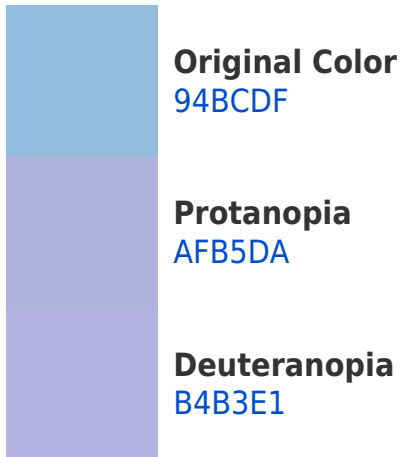


This preview shows how white text looks on a background with the Hex color 94BCDF.

# 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](#).

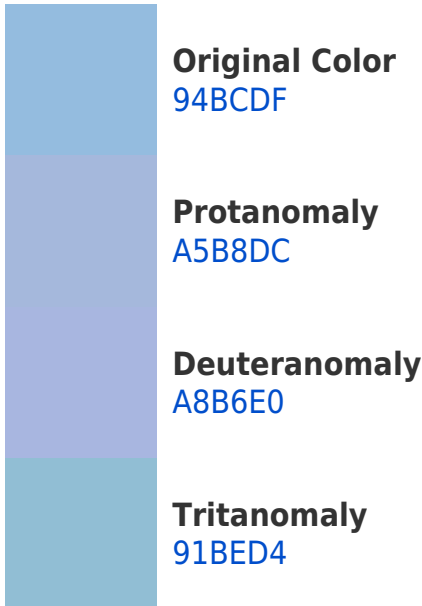
## Dichromacy





**Tritanopia**  
90BFCE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94BCDF 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 #94BCDF looks like.

```
.text, #text, p{  
  color:#94BCDF  
}
```

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 #94BCDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94BCDF
}
```

## Border

The CSS property to change the border of an element to Hex 94BCDF 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
#94BCDF }
```

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

```
.border{ border-color:#94BCDF }
```

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

Here you see how a box with a 4 pixel #94BCDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94BCDF; -webkit-box-shadow:4px 4px  
4px 4px #94BCDF; box-shadow:4px 4px 4px  
4px #94BCDF }
```

# Background

The CSS property to change the background color of an element to Hex 94BCDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94BCDF }
```

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

```
.background{ background-color:#94BCDF }
```

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