

# Converting Colors

Hex(95ACDF)

Have a look what the booklet for  
Hex(95ACDF) contains.

<b>Hex(95ACDF)</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(95ACDF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95ACDF
RGB	149, 172, 223
RGB Percent	58%, 67%, 87%
CMY	0.4157, 0.3255, 0.1255
CMYK	0.33, 0.23, 0.00, 0.13
HSL	221°, 54%, 73%
HSV	221°, 33%, 87%
XYZ	40.4662, 41.2223, 75.6359
YIQ	170.9370, -30.0790, 10.9850

# Conversions

## Conversions Part 2

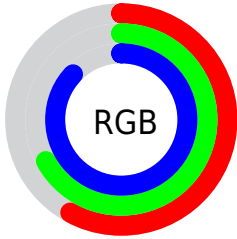
Format	Color
R <sub>Y</sub> B	149, 167, 223
Decimal	9809119
CIE Lab	70.33, 4.03, -28.28
CIE LCh	70, 28.565, 278.103
Yxy	41.2223, 0.2572, 0.2620
Android (android.graphics.Color)	4287999199 (0xFF95ACDF)
YUV	170.9370, 25.6671, -19.2387
Hunter-Lab	64.2046, 0.1451, -24.9031

# Details

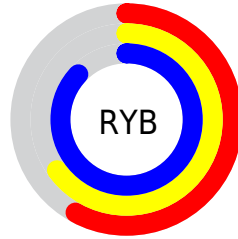
The Hex color **95ACDF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DFC895**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **CDE3FF**, and **6078A8** is the 20% darker color. If you saturate the color by 10%, you get **7F9DDF**, and if you desaturate by 10%, it is **ABBBDF**.

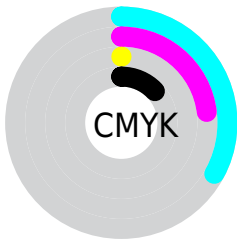
# Distribution



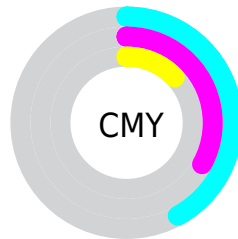
- Red (58%)
- Green (67%)
- Blue (87%)



- Red (58%)
- Yellow (65%)
- Blue (87%)



- Cyan (33%)
- Magenta (23%)
- Yellow (0%)
- Black (13%)



- Cyan (42%)
- Magenta (33%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95ACDF 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 95ACDF by changing the saturation by 10% instead.



■ 95ACDF

■ 95ACDF

FFFFFF

■ 7A92C3

■ CDE3FF

■ 6078A8

■ E9FFFF

■ 465F8D

■ 2B4873

■ 0D325B

■ 001D43

■ 00012D

■ 000117

■ 000000

 95ACDF

 95ACDF

 7F9DDF

 ABBBDF

 688DDF

 C2CBDF

 527EDF

 D8DADF

 3C6FDF

 EEE9DF

 265FDF

 FFF9DF

 0F50DF

 FFFFDF

 0045DF

# Harmonies

## Analogous

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



71B4DB



95ACDF



B9A3D5

# Triad

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



95ACDF



DE9C8D



7DB998

# Complementary

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



95ACDF



DFC895

# 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.



9BB482



95ACDF



CFA47C

# Square

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



95ACDF



E099A6



B7AD78



63BAB2

# Rectangle

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



95ACDF



CC9DC8



B7AD78



87B890



# Sweetspot

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



95ACDF



E6EDFF



95DFC8



707580



000000



808080



# Same Dimension

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



95ACDF



99B9FF



A395DF



656870



0037B0



000F30



# Inverse Universe

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



DF95AC



FF99B9



D1DF95



706568



B00037

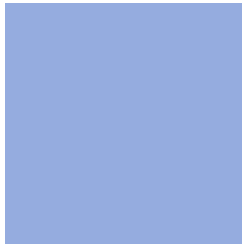


30000F



# Previews

## White Background



This preview shows how the Hex color 95ACDF looks on a white background.

## Color Contrast Check

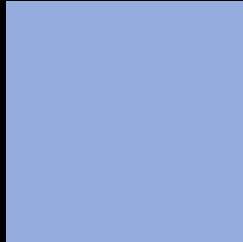
Large Text (above 18pt) WCAG AA × Fail

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 95ACDF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

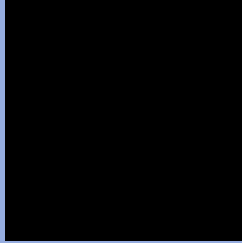
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

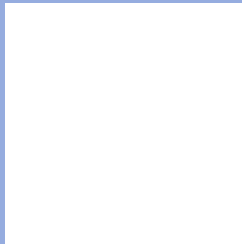
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 95ACDF Background



This preview shows how black text looks on a background with the Hex color 95ACDF.



This preview shows how white text looks on a background with the Hex color 95ACDF.

# 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**  
95ACDF

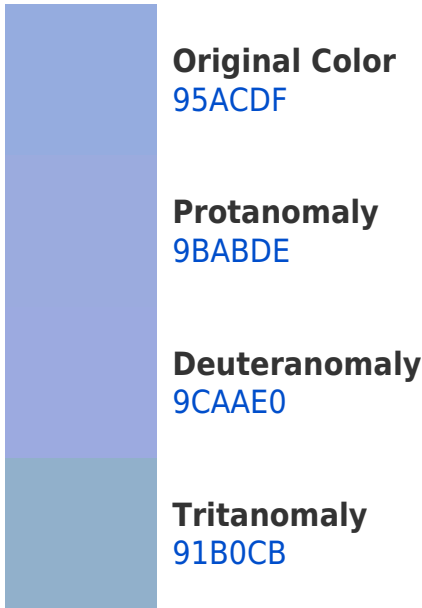
**Protanopia**  
9EAADD

**Deuteranopia**  
A0A9E0

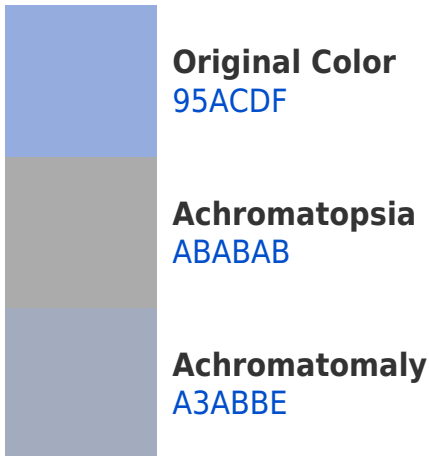


**Tritanopia**  
8EB2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95ACDF 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 #95ACDF looks like.

```
.text, #text, p{  
    color:#95ACDF  
}
```

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 #95ACDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95ACDF
}
```

## Border

The CSS property to change the border of an element to Hex 95ACDF 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
#95ACDF }
```

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

```
.border{ border-color:#95ACDF }
```

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

Here you see how a box with a 4 pixel #95ACDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95ACDF; -webkit-box-shadow:4px 4px  
4px 4px #95ACDF; box-shadow:4px 4px 4px  
4px #95ACDF }
```

# Background

The CSS property to change the background color of an element to Hex 95ACDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95ACDF }
```

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

```
.background{ background-color:#95ACDF }
```

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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