

# Converting Colors

Hex(95A0DF)

Have a look what the booklet for  
Hex(95A0DF) contains.

<b>Hex(95A0DF)</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(95A0DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95A0DF
RGB	149, 160, 223
RGB Percent	58%, 63%, 87%
CMY	0.4157, 0.3725, 0.1255
CMYK	0.33, 0.28, 0.00, 0.13
HSL	231°, 54%, 73%
HSV	231°, 33%, 87%
XYZ	38.2845, 36.8589, 74.9087
YIQ	163.8930, -26.7790, 17.2610

# Conversions

## Conversions Part 2

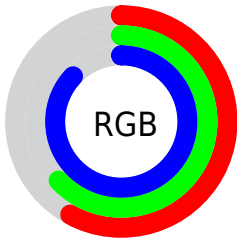
Format	Color
<a href="#">RYB</a>	<a href="#">149, 159, 223</a>
Decimal	<a href="#">9806047</a>
CIELab	<a href="#">67.17, 10.76, -33.16</a>
CIELCh	<a href="#">67, 34.863, 287.983</a>
Yxy	<a href="#">36.8589, 0.2551, 0.2456</a>
Android (android.graphics.Color)	<a href="#">4287996127</a> ( <a href="#">0xFF95A0DF</a> )
YUV	<a href="#">163.8930, 29.1398, -13.0612</a>
Hunter-Lab	<a href="#">60.7115, 6.3164, -30.6567</a>

# Details

The Hex color **95A0DF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **DFD495**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **CDD7FF**, and **606DA8** is the 20% darker color. If you saturate the color by 10%, you get **7F8DDF**, and if you desaturate by 10%, it is **ABB3DF**.

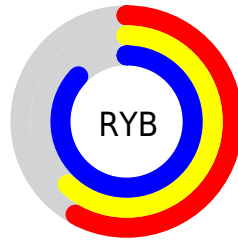
# Distribution



Red (58%)

Green (63%)

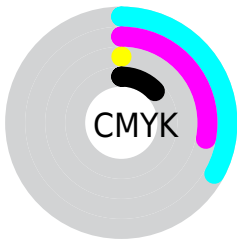
Blue (87%)



Red (58%)

Yellow (62%)

Blue (87%)

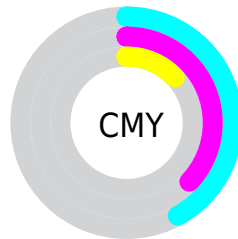


Cyan (33%)

Magenta (28%)

Yellow (0%)

Black (13%)



Cyan (42%)

Magenta (37%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95A0DF 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 95A0DF by changing the saturation by 10% instead.



■ 95A0DF

■ 95A0DF

FFFFFF

■ 7A86C3

■ CDD7FF

■ 606DA8

■ EAF3FF

■ 45558D

■ 2B3E73

■ 0C285A

■ 001442

■ 00032C

■ 000116

■ 000000

■ 95A0DF

■ 95A0DF

■ 7F8DDF

■ ABB3DF

■ 687ADF

■ C2C6DF

■ 5267DF

■ D8D9DF

■ 3C54DF

■ EEEDDF

■ 2641DF

■ FFFFDF

■ 0F2EDF

■ 0021DF

# Harmonies

## Analogous

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



62AAE0



95A0DF



BF95CE

# Triad

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



95A0DF



D99376



5AB495

# Complementary

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



95A0DF



DFD495

# 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.



82AF78



95A0DF



C49D66

# Square

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



95A0DF



E18C92



A5A867



33B4B6

# Rectangle

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



95A0DF



D28FBC



A5A867



68B38B



# Sweetspot

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



95A0DF



E6E9FF



95DFD4



707280



000000



808080



# Same Dimension

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



95A0DF



99A8FF



AF95DF



656770



001AB0



000730



# Inverse Universe

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



DF95A0



FF99A8



C5DF95



706567



B0001A

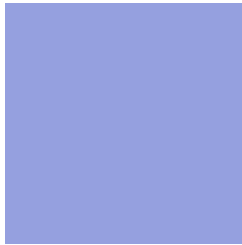


300007



# Previews

## White Background



This preview shows how the Hex color 95A0DF looks on a white background.

## Color Contrast Check

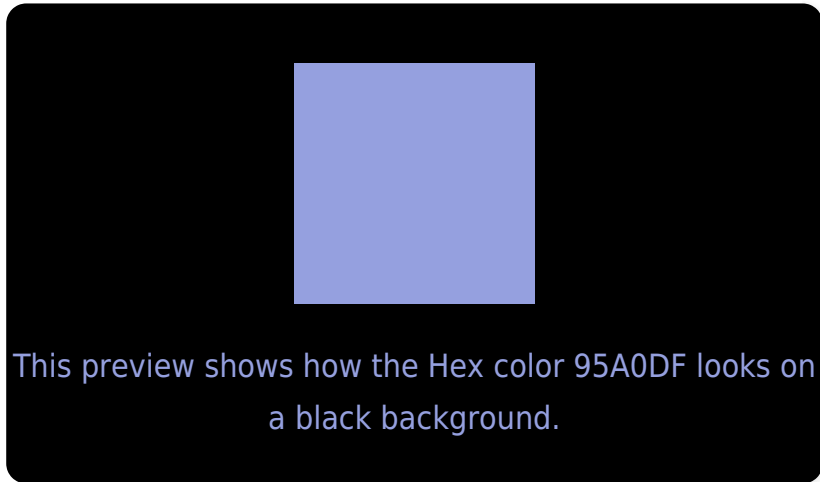
Large Text (above 18pt) WCAG AA × Fail

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 95A0DF Background



This preview shows how black text looks on a background with the Hex color 95A0DF.



This preview shows how white text looks on a background with the Hex color 95A0DF.

# 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**  
95A0DF

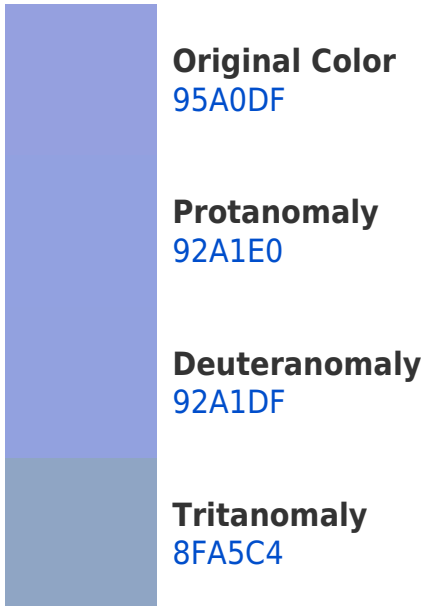
**Protanopia**  
91A1E0

**Deuteranopia**  
91A1DF

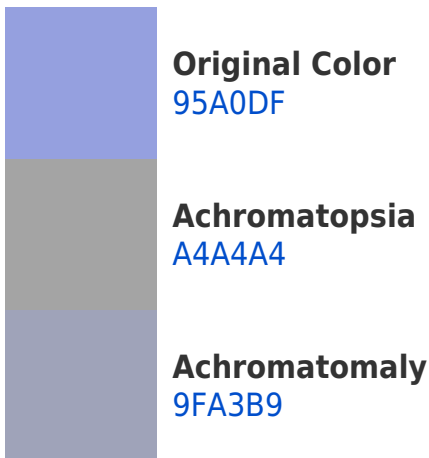


**Tritanopia**  
8CA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95A0DF 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 #95A0DF looks like.

```
.text, #text, p{  
    color:#95A0DF  
}
```

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 #95A0DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95A0DF
}
```

## Border

The CSS property to change the border of an element to Hex 95A0DF 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
#95A0DF }
```

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

```
.border{ border-color:#95A0DF }
```

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

Here you see how a box with a 4 pixel #95A0DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95A0DF; -webkit-box-shadow:4px 4px  
4px 4px #95A0DF; box-shadow:4px 4px 4px  
4px #95A0DF }
```

# Background

The CSS property to change the background color of an element to Hex 95A0DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95A0DF }
```

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

```
.background{ background-color:#95A0DF }
```

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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