

# Converting Colors

Hex(95AECA)

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

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# **Color**

**Hex(95AECA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95AECA
RGB	149, 174, 202
RGB Percent	58%, 68%, 79%
CMY	0.4157, 0.3176, 0.2078
CMYK	0.26, 0.14, 0.00, 0.21
HSL	212°, 33%, 69%
HSV	212°, 26%, 79%
XYZ	38.1911, 40.9259, 61.7637
YIQ	169.7170, -23.8880, 3.4080

# Conversions

## Conversions Part 2

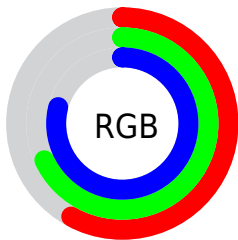
Format	Color
<a href="#">RYB</a>	<a href="#">149, 166, 202</a>
Decimal	<a href="#">9809610</a>
CIELab	<a href="#">70.12, -2.27, -17.07</a>
CIELCh	<a href="#">70, 17.220, 262.441</a>
Yxy	<a href="#">40.9259, 0.2711, 0.2905</a>
Android (android.graphics.Color)	<a href="#">4287999690 (0xFF95AECA)</a>
YUV	<a href="#">169.7170, 15.9155, -18.1688</a>
Hunter-Lab	<a href="#">63.9734, -5.3916, -12.4607</a>

# Details

The Hex color **95AECA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CAB195**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **CCE5FF**, and **617A94** is the 20% darker color. If you saturate the color by 10%, you get **81A3CA**, and if you desaturate by 10%, it is **A9B9CA**.

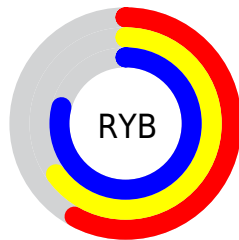
# Distribution



Red (58%)

Green (68%)

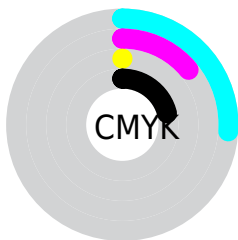
Blue (79%)



Red (58%)

Yellow (65%)

Blue (79%)

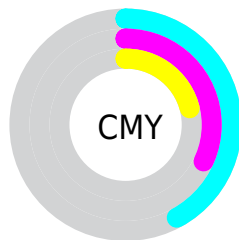


Cyan (26%)

Magenta (14%)

Yellow (0%)

Black (21%)



Cyan (42%)

Magenta (32%)

Yellow (21%)

# Brightness & Saturation Gradients

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



■ 95AECA

■ 95AECA

FFFFFF

■ 7B93AF

■ CCE5FF

■ 617A94

■ E8FFFF

■ 48617A

■ 304961

■ 173349

■ 001E33

■ 00031E

■ 000000

■ 95AECA

■ 95AECA

81A3CA

A9B9CA

6D99CA

BDC3CA

588ECA

D2CECA

4483CA

E6D9CA

3079CA

FAE3CA

1C6ECA

FFEECA

0863CA

FFF9CA

005FCA

FFFFCA

# Harmonies

## Analogous

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



86B2C4



95AECA



A9A9C8

# Triad

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



95AECA



CCA1A0



99B298

# Complementary

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



95AECA



CAB195

# 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.



ABAE8E



95AECA



C8A493

# Square

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



95AECA



C9A1B0



BCA98D



8AB4A7

# Rectangle

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



95AECA



B6A5C3



BCA98D



9FB194



# Sweetspot

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



95AECA



EBF4FF



95CAB0



737980



000000



808080

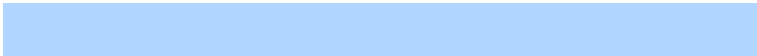


# Same Dimension

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



95AECA



B0D5FF



9695CA



5C6166



004EA6



001226



# Inverse Universe

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



CA95AE



FFB0D5



C9CA95



665C61



A6004E

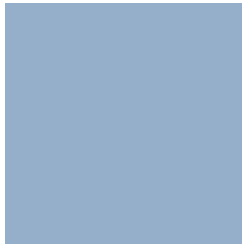


260012



# Previews

## White Background



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

## Color Contrast Check

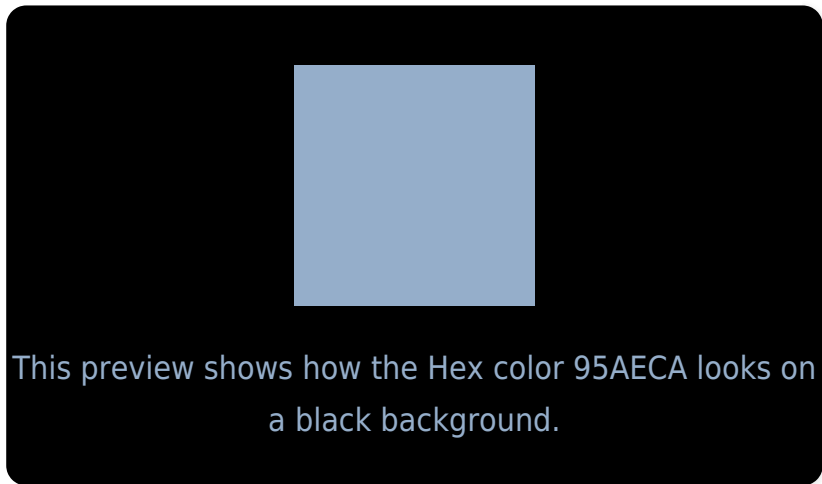
Large Text (above 18pt) WCAG AA × Fail

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

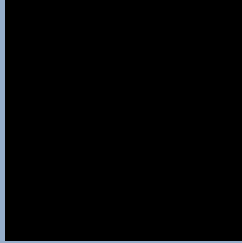
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

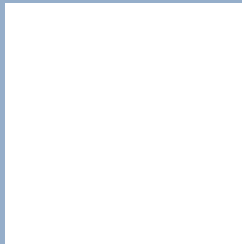
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 95AECA Background



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

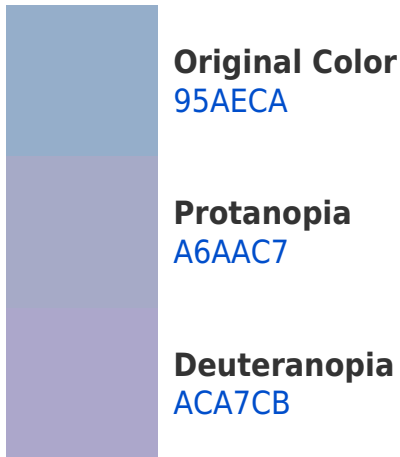


This preview shows how white text looks on a background with the Hex color 95AECA.

# 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](#).

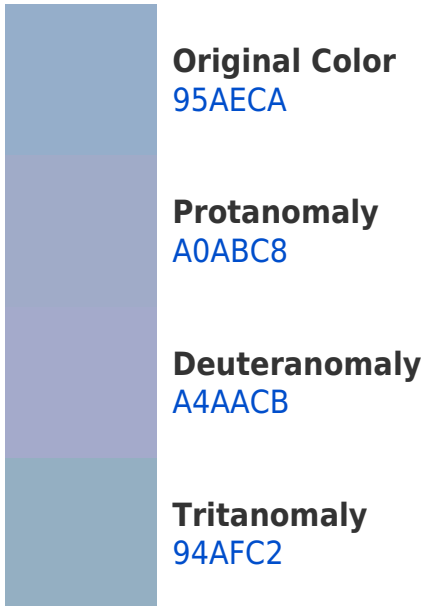
## Dichromacy



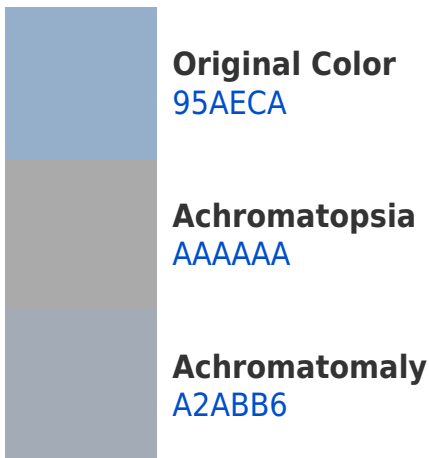


**Tritanopia**  
93B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #95AECA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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