

# Converting Colors

Hex(959AC3)

Have a look what the booklet for  
Hex(959AC3) contains.

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# **Color**

**Hex(959AC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	959AC3
RGB	149, 154, 195
RGB Percent	58%, 60%, 76%
CMY	0.4157, 0.3961, 0.2353
CMYK	0.24, 0.21, 0.00, 0.24
HSL	233°, 28%, 67%
HSV	233°, 24%, 76%
XYZ	33.8004, 33.4409, 56.3030
YIQ	157.1790, -16.1410, 11.6910

# Conversions

## Conversions Part 2

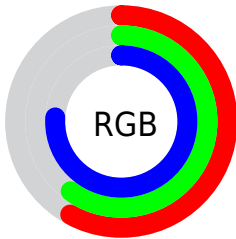
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 154, 195
Decimal	9804483
CIE <sub>Lab</sub>	64.52, 7.19, -21.71
CIE <sub>LCh</sub>	65, 22.867, 288.318
Yxy	33.4409, 0.2736, 0.2707
Android (android.graphics.Color)	4287994563 (0xFF959AC3)
YUV	157.1790, 18.6458, -7.1730
Hunter-Lab	57.8281, 3.1335, -17.2467

# Details

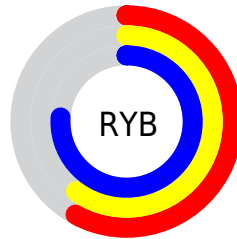
The Hex color **959AC3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C3BE95**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **CCD0FC**, and **61678D** is the 20% darker color. If you saturate the color by 10%, you get **8289C3**, and if you desaturate by 10%, it is **A9ABC3**.

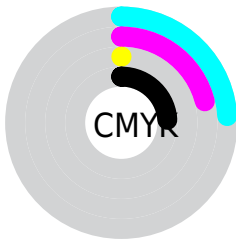
# Distribution



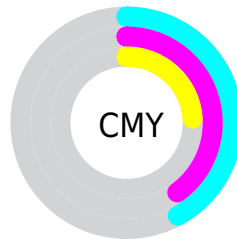
- Red (58%)
- Green (60%)
- Blue (76%)



- Red (58%)
- Yellow (60%)
- Blue (76%)



- Cyan (24%)
- Magenta (21%)
- Yellow (0%)
- Black (24%)



- Cyan (42%)
- Magenta (40%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 959AC3 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 959AC3 by changing the saturation by 10% instead.



■ 959AC3

■ 959AC3

FFFFFF

■ 7B80A8

■ CCD0FC

■ 61678D

■ E8EDFF

■ 494F74

■ 31385B

■ 192343

■ 030D2D

■ 000118

■ 000000

■ 959AC3

■ 959AC3

8289C3

A9ABC3

6E77C3

BCBDC3

5B66C3

CFCEC3

4754C3

E3E0C3

3443C3

F7F1C3

2032C3

FFFFC3

0D20C3

0015C3

# Harmonies

## Analogous

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



79A1C4



959AC3



AF93B8

# Triad

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



959AC3



C1927F



71A793

# Complementary

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



959AC3



C3BE95

# 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.



87A481



959AC3



B39875

# Square

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



959AC3



C68E91



9E9F75



62A8A8

# Rectangle

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



959AC3



BC90AC



9E9F75



78A78D



# Sweetspot

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



959AC3



EBEDFC



95C3BE



757680



000000



808080



# Same Dimension

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



959AC3



B6BDFC



A795C3



575861



0011A1



000421



# Inverse Universe

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



C3959A



FCB6BD



B1C395



615758



A10011

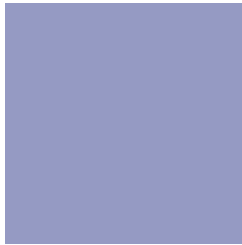


210004



# Previews

## White Background



This preview shows how the Hex color 959AC3 looks on a white background.

## Color Contrast Check

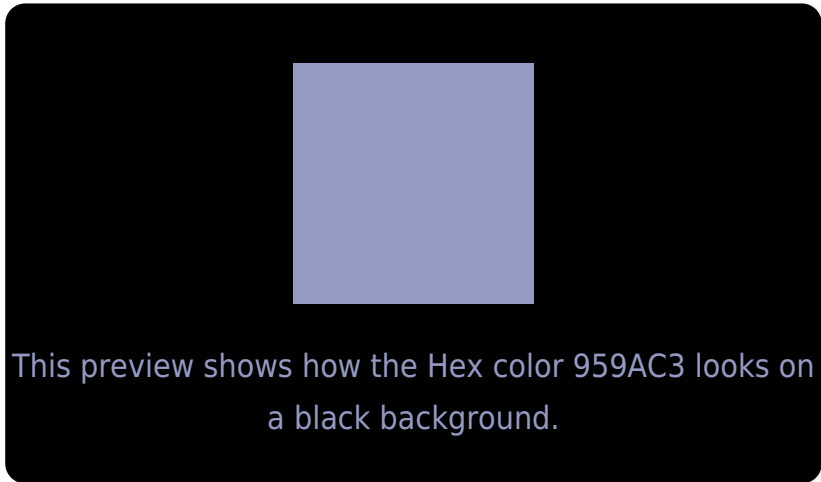
Large Text (above 18pt) WCAG AA × Fail

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

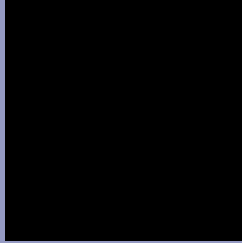
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 959AC3 Background



This preview shows how black text looks on a background with the Hex color 959AC3.



This preview shows how white text looks on a background with the Hex color 959AC3.

# 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**  
959AC3

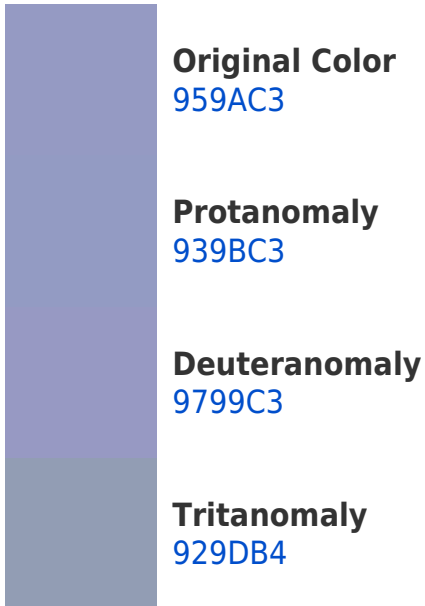
**Protanopia**  
929BC3

**Deuteranopia**  
9899C3

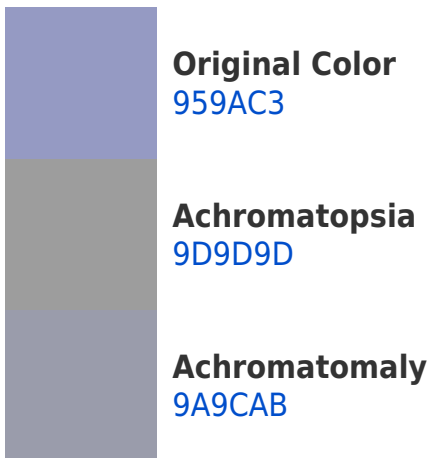


**Tritanopia**  
909EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 959AC3 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 #959AC3 looks like.

```
.text, #text, p{  
    color:#959AC3  
}
```

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 #959AC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #959AC3
}
```

## Border

The CSS property to change the border of an element to Hex 959AC3 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
#959AC3 }
```

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

```
.border{ border-color:#959AC3 }
```

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

Here you see how a box with a 4 pixel #959AC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #959AC3; -webkit-box-shadow:4px 4px  
4px 4px #959AC3; box-shadow:4px 4px 4px  
4px #959AC3 }
```

# Background

The CSS property to change the background color of an element to Hex 959AC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#959AC3 }
```

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

```
.background{ background-color:#959AC3 }
```

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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