

# Converting Colors

Hex(959BCB)

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

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# **Color**

**Hex(959BCB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	959BCB
RGB	149, 155, 203
RGB Percent	58%, 61%, 80%
CMY	0.4157, 0.3922, 0.2039
CMYK	0.27, 0.24, 0.00, 0.20
HSL	233°, 34%, 69%
HSV	233°, 27%, 80%
XYZ	34.8953, 34.1440, 61.2512
YIQ	158.6780, -18.9840, 13.6560

# Conversions

## Conversions Part 2

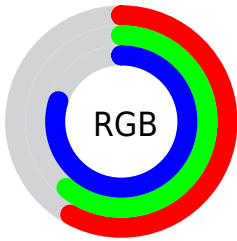
Format	Color
<a href="#">RYB</a>	<a href="#">149, 154, 203</a>
Decimal	<a href="#">9804747</a>
CIELab	<a href="#">65.08, 8.56, -25.31</a>
CIElCh	<a href="#">65, 26.720, 288.675</a>
Yxy	<a href="#">34.1440, 0.2678, 0.2621</a>
Android (android.graphics.Color)	<a href="#">4287994827 (0xFF959BCB)</a>
YUV	<a href="#">158.6780, 21.8507, -8.4876</a>
Hunter-Lab	<a href="#">58.4329, 4.3400, -21.2466</a>

# Details

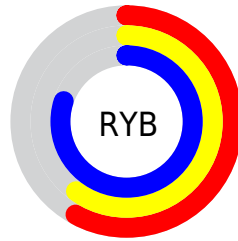
The Hex color **959BCB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CBC595**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CCD1FF**, and **616895** is the 20% darker color. If you saturate the color by 10%, you get **8189CB**, and if you desaturate by 10%, it is **A9ADCB**.

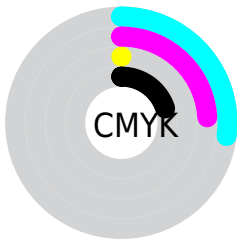
# Distribution



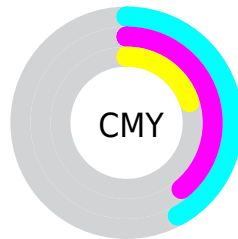
- Red (58%)
- Green (61%)
- Blue (80%)



- Red (58%)
- Yellow (60%)
- Blue (80%)



- Cyan (27%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (39%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



■ 959BCB

■ 959BCB

FFFFFF

■ 7B81AF

■ CCD1FF

■ 616895

■ E8EEFF

■ 48507B

■ 303962

■ 17244A

■ 000F33

■ 00021D

■ 000000

■ 959BCB

■ 959BCB

8189CB

A9ADCB

6C77CB

BEBFCB

5865CB

D2D1CB

4453CB

E6E3CB

3041CB

FBF5CB

1B2FCB

FFFFCB

071DCB

0017CB

# Harmonies

## Analogous

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



72A3CC



959BCB



B493BE

# Triad

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



959BCB



C8927B



69AB94

# Complementary

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



959BCB



CBC595

# 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.



84A77E



959BCB



B7996F

# Square

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



959BCB



CE8D90



A0A170



56ABAC

# Rectangle

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



959BCB



C28FB0



A0A170



72AA8C



# Sweetspot

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



959BCB



EBEDFF



95CBC5



737480



000000



808080



# Same Dimension

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



959BCB



ADB6FF



AA95CB



5C5D66



0012A6



000426



# Inverse Universe

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



CB959B



FFADB6



B6CB95



665C5D



A60012

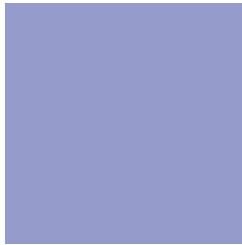


260004



# Previews

## White Background



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

## Color Contrast Check

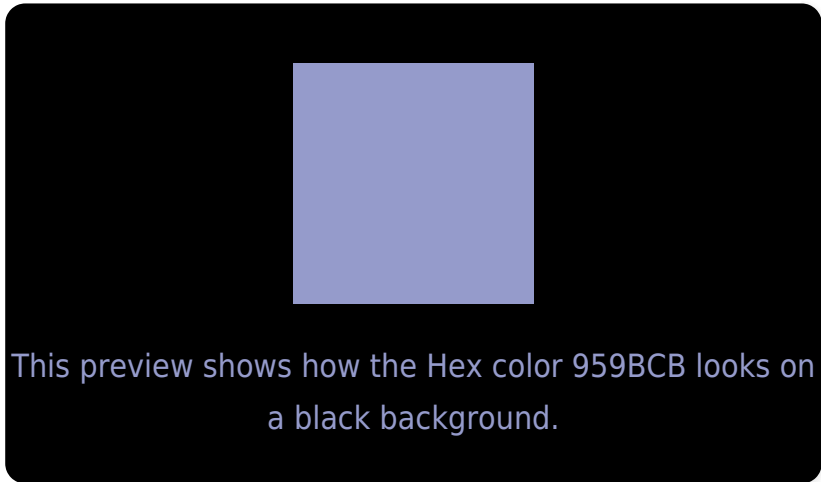
Large Text (above 18pt) WCAG AA × Fail

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

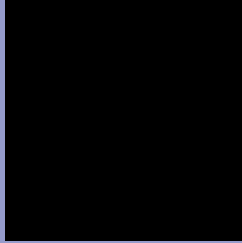
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 959BCB Background



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



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

# 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**  
959BCB

**Protanopia**  
919CCC

**Deuteranopia**  
959BCB



**Tritanopia**  
8FA0AD

# Trichromacy



**Original Color**  
959BCB

**Protanomaly**  
929CCC

**Deuteranomaly**  
959BCB

**Tritanomaly**  
919EB8

# Monochromacy



**Original Color**  
959BCB

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
9B9EAF

# CSS Examples

## Text

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

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

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 #959BCB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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