

# Converting Colors

Hex(919EBC)

Have a look what the booklet for  
Hex(919EBC) contains.

<b>Hex(919EBC)</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(919EBC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	919EBC
RGB	145, 158, 188
RGB Percent	57%, 62%, 74%
CMY	0.4314, 0.3804, 0.2627
CMYK	0.23, 0.16, 0.00, 0.26
HSL	222°, 24%, 65%
HSV	222°, 23%, 74%
XYZ	32.9810, 34.1043, 52.4215
YIQ	157.5330, -17.3780, 6.5740

# Conversions

## Conversions Part 2

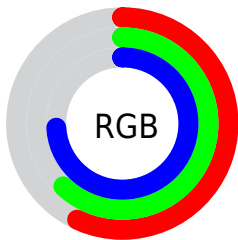
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 155, 188
Decimal	9543356
CIE <sub>Lab</sub>	65.05, 2.02, -17.02
CIE <sub>LCh</sub>	65, 17.138, 276.773
Yxy	34.1043, 0.2760, 0.2854
Android (android.graphics.Color)	4287733436 (0xFF919EBC)
YUV	157.5330, 15.0202, -10.9914
Hunter-Lab	58.3989, -1.3894, -12.3421

# Details

The Hex color **919EBC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BCAF91**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C7D5F4**, and **5E6B87** is the 20% darker color. If you saturate the color by 10%, you get **7E91BC**, and if you desaturate by 10%, it is **A4ABBC**.

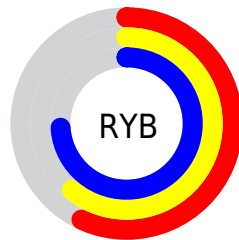
# Distribution



Red (57%)

Green (62%)

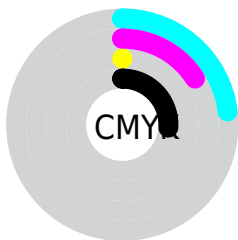
Blue (74%)



Red (57%)

Yellow (61%)

Blue (74%)

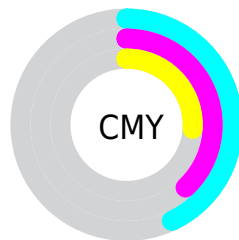


Cyan (23%)

Magenta (16%)

Yellow (0%)

Black (26%)



Cyan (43%)

Magenta (38%)

Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 919EBC 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 919EBC by changing the saturation by 10% instead.



 919EBC

 919EBC

FFFFFF

 7784A1

 C7D5F4

 5E6B87

 E4F1FF

 45536D

 2E3C55

 17263E

 001128

 000112

 000000

 919EBC

 919EBC

 7E91BC

 A4ABBC

 6B84BC

 B7B8BC

 5977BC

 C9C5BC

 466ABC

 DCD2BC

 335CBC

 EFE0BC

 204FBC

 FFEDBC

 0D42BC

 FFFABC

 0039BC

 FFFFBC

# Harmonies

## Analogous

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



7FA3BA



919EBC



A599B6

# Triad

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



919EBC



BD958C



84A691

# Complementary

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



919EBC



BCAF91

# 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.



95A385



919EBC



B49982

# Square

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



919EBC



BD939B



A69E7F



78A7A1

# Rectangle

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



919EBC



B096AF



A69E7F



89A58D



# Sweetspot

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



919EBC



E4E9F5



91BCAE



71747A



FAFAFA



7A7A7A



# Same Dimension

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



919EBC



B3C7F5



9991BC



55585E



00309E



00091F



# Inverse Universe

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



BC919E



F5B3C7



B4BC91



5E5558



9E0030

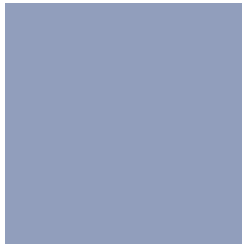


1F0009



# Previews

## White Background



This preview shows how the Hex color 919EBC looks on a white background.

## Color Contrast Check

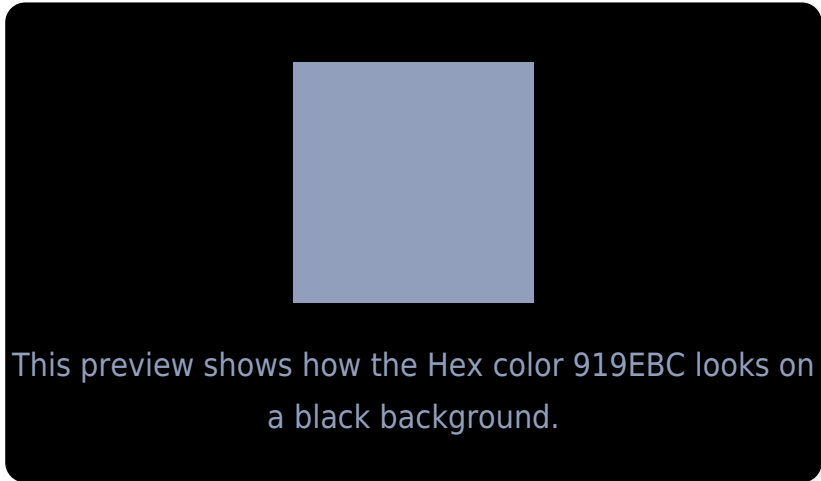
Large Text (above 18pt) WCAG AA × Fail

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

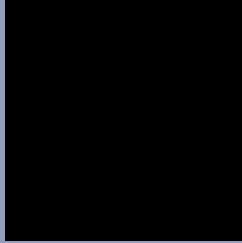
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

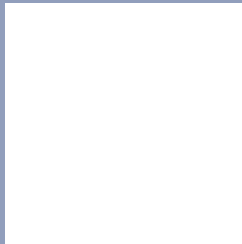
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 919EBC Background



This preview shows how black text looks on a background with the Hex color 919EBC.



This preview shows how white text looks on a background with the Hex color 919EBC.

# 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**  
919EBC

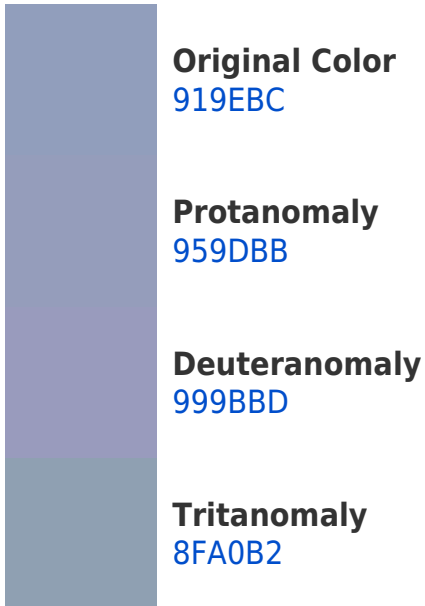
**Protanopia**  
979CBB

**Deuteranopia**  
9E9ABD

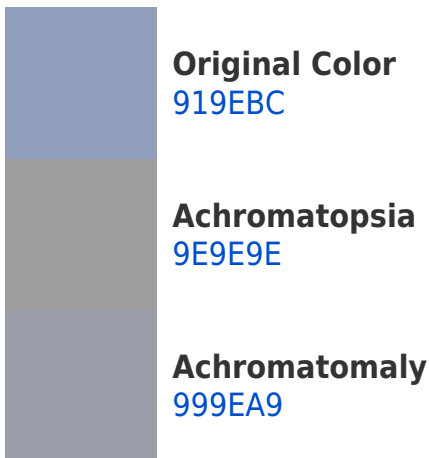


**Tritanopia**  
8EA1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 919EBC 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 #919EBC looks like.

```
.text, #text, p{  
    color:#919EBC  
}
```

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 #919EBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #919EBC
}
```

## Border

The CSS property to change the border of an element to Hex 919EBC 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
#919EBC }
```

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

```
.border{ border-color:#919EBC }
```

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

Here you see how a box with a 4 pixel #919EBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #919EBC; -webkit-box-shadow:4px 4px  
4px 4px #919EBC; box-shadow:4px 4px 4px  
4px #919EBC }
```

# Background

The CSS property to change the background color of an element to Hex 919EBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#919EBC }
```

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

```
.background{ background-color:#919EBC }
```

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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