

# Converting Colors

Hex(999EBF)

Have a look what the booklet for  
Hex(999EBF) contains.

<b>Hex(999EBF)</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(999EBF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	999EBF
RGB	153, 158, 191
RGB Percent	60%, 62%, 75%
CMY	0.4000, 0.3804, 0.2510
CMYK	0.20, 0.17, 0.00, 0.25
HSL	232°, 23%, 67%
HSV	232°, 20%, 75%
XYZ	34.7677, 34.9876, 54.2110
YIQ	160.2670, -13.5730, 9.2030

# Conversions

## Conversions Part 2

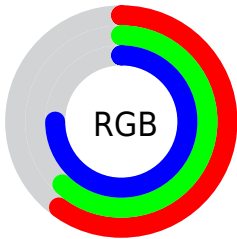
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 157, 191
Decimal	10067647
CIE Lab	65.74, 5.26, -17.59
CIE LCh	66, 18.357, 286.664
Yxy	34.9876, 0.2805, 0.2822
Android (android.graphics.Color)	4288257727 (0xFF999EBF)
YUV	160.2670, 15.1514, -6.3732
Hunter-Lab	59.1503, 1.4066, -12.9338

# Details

The Hex color **999EBF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BFBA99**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **D0D5F7**, and **656B8A** is the 20% darker color. If you saturate the color by 10%, you get **868DBF**, and if you desaturate by 10%, it is **ACAFBF**.

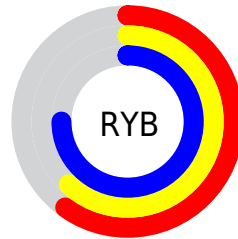
# Distribution



Red (60%)

Green (62%)

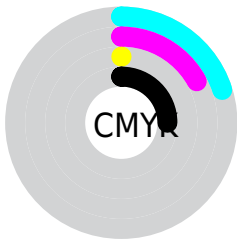
Blue (75%)



Red (60%)

Yellow (62%)

Blue (75%)

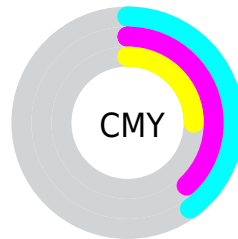


Cyan (20%)

Magenta (17%)

Yellow (0%)

Black (25%)



Cyan (40%)

Magenta (38%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 999EBF 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 999EBF by changing the saturation by 10% instead.



■ 999EBF

■ 999EBF

FFFFFF

■ 7F84A4

■ D0D5F7

■ 656B8A

■ ECF1FF

■ 4D5370

■ 353C58

■ 1F2640

■ 09112A

■ 000115

■ 000000

■ 999EBF

■ 999EBF

868DBF

ACAFBF

737DBF

BFBFBF

606CBF

D2D0BF

4D5CBF

E5E0BF

394BBF

F9F1BF

263ABF

FFFFBF

132ABF

0019BF

# Harmonies

## Analogous

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



84A3BF



999EBF



AE99B6

# Triad

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



999EBF



BF9788



7FA998

# Complementary

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



999EBF



BFBA99

# 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.



90A689



999EBF



B39C80

# Square

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



999EBF



C29497



A3A280



74A9A8

# Rectangle

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



999EBF



B896AD



A3A280



84A892



# Sweetspot

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



999EBF



E9EAF7



99BFBA



74757D



FCFCFC



7D7D7D



# Same Dimension

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



999EBF



BCC4F7



A799BF



55565E



00159E



00041F



# Inverse Universe

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



BF999E



F7BCC4



B1BF99



5E5556



9E0015

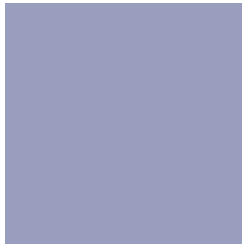


1F0004



# Previews

## White Background



This preview shows how the Hex color 999EBF looks on a white background.

## Color Contrast Check

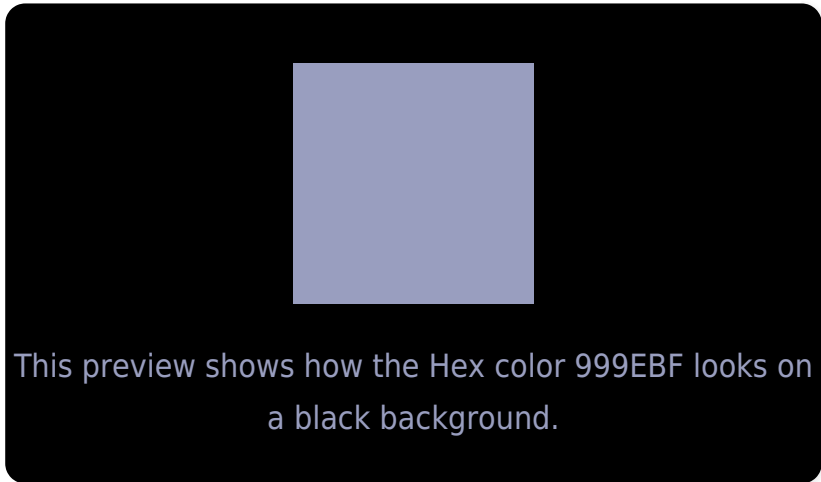
Large Text (above 18pt) WCAG AA × Fail

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

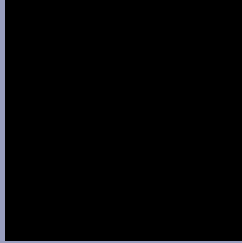
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

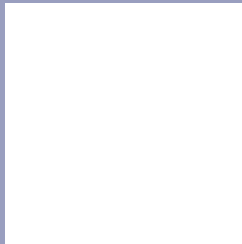
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 999EBF Background



This preview shows how black text looks on a background with the Hex color 999EBF.



This preview shows how white text looks on a background with the Hex color 999EBF.

# 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**  
999EBF

**Protanopia**  
999EBF

**Deuteranopia**  
9F9CBF



**Tritanopia**  
96A1AE

# Trichromacy



**Original Color**  
999EBF

**Protanomaly**  
999EBF

**Deuteranomaly**  
9D9DBF

**Tritanomaly**  
97A0B4

# Monochromacy



**Original Color**  
999EBF

**Achromatopsia**  
A0A0A0

**Achromatomaly**  
9D9FAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 999EBF 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 #999EBF looks like.

```
.text, #text, p{  
    color:#999EBF  
}
```

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 #999EBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999EBF
}
```

## Border

The CSS property to change the border of an element to Hex 999EBF 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
#999EBF }
```

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

```
.border{ border-color:#999EBF }
```

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

Here you see how a box with a 4 pixel #999EBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999EBF; -webkit-box-shadow:4px 4px  
4px 4px #999EBF; box-shadow:4px 4px 4px  
4px #999EBF }
```

# Background

The CSS property to change the background color of an element to Hex 999EBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999EBF }
```

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

```
.background{ background-color:#999EBF }
```

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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