

# Converting Colors

Hex(9BB0E1)

Have a look what the booklet for  
Hex(9BB0E1) contains.

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# Color

**Hex(9BB0E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BB0E1
RGB	155, 176, 225
RGB Percent	61%, 69%, 88%
CMY	0.3922, 0.3098, 0.1176
CMYK	0.31, 0.22, 0.00, 0.12
HSL	222°, 54%, 75%
HSV	222°, 31%, 88%
XYZ	42.6335, 43.4555, 77.3749
YIQ	175.3070, -28.2450, 10.7870

# Conversions

## Conversions Part 2

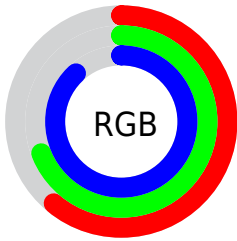
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 171, 225
Decimal	10203361
CIE <sub>Lab</sub>	71.86, 4.02, -26.99
CIE <sub>LCh</sub>	72, 27.285, 278.480
Yxy	43.4555, 0.2608, 0.2658
Android (android.graphics.Color)	4288393441 (0xFF9BB0E1)
YUV	175.3070, 24.4986, -17.8092
Hunter-Lab	65.9208, 0.0815, -23.4474

# Details

The Hex color **9BB0E1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E1CC9B**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **D3E7FF**, and **667CAA** is the 20% darker color. If you saturate the color by 10%, you get **84A0E1**, and if you desaturate by 10%, it is **B2C0E1**.

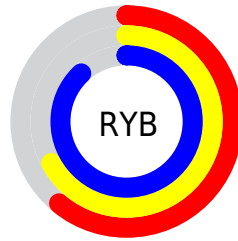
# Distribution



Red (61%)

Green (69%)

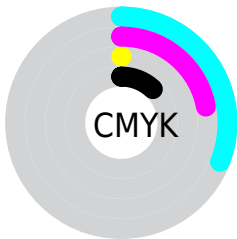
Blue (88%)



Red (61%)

Yellow (67%)

Blue (88%)

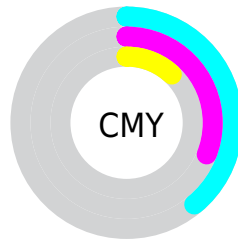


Cyan (31%)

Magenta (22%)

Yellow (0%)

Black (12%)



Cyan (39%)

Magenta (31%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9BB0E1 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 9BB0E1 by changing the saturation by 10% instead.



■ 9BB0E1

■ 9BB0E1

FFFFFF

■ 8095C5

■ D3E7FF

■ 667CAA

■ F0FFFF

■ 4C638F

■ 324B75

■ 17355C

■ 002045

■ 00072E

■ 000119

■ 000000

■ 9BB0E1

■ 9BB0E1

■ 84A0E1

■ B2C0E1

■ 6E91E1

■ C8D0E1

■ 5781E1

■ DEDFE1

■ 4171E1

■ F5EFE1

■ 2B61E1

■ FFFFE1

■ 1452E1

■ 0044E1

# Harmonies

## Analogous

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



79B8DE



9BB0E1



BDA7D7

# Triad

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



9BB0E1



E0A192



83BD9D

# Complementary

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



9BB0E1



E1CC9B

# 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.



9FB889



9BB0E1



D2A882

# Square

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



9BB0E1



E29EAA



BBB17F



6CBEB7

# Rectangle

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



9BB0E1



CFA2CB



BBB17F



8CBB95

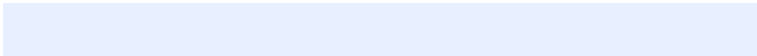


# Sweetspot

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



9BB0E1



E8EFFF



9BE1CC



717680



000000



808080



# Same Dimension

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



9BB0E1



A1BDFF



A89BE1



656870



0035B0



000F30



# Inverse Universe

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



E19BB0



FFA1BD



D3E19B



706568



B00035



30000F



# Previews

## White Background



This preview shows how the Hex color 9BB0E1 looks on a white background.

## Color Contrast Check

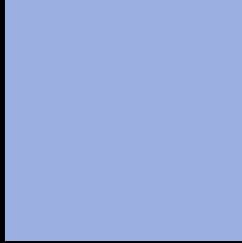
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 9BB0E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

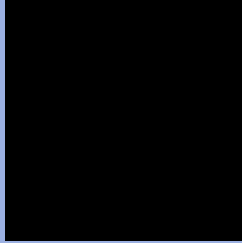
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

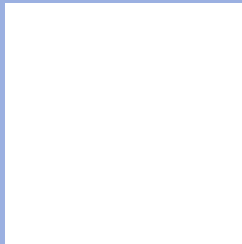
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9BB0E1 Background



This preview shows how black text looks on a background with the Hex color 9BB0E1.



This preview shows how white text looks on a background with the Hex color 9BB0E1.

# 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**  
9BB0E1

**Protanopia**  
A3AEDF

**Deuteranopia**  
A6ADE2

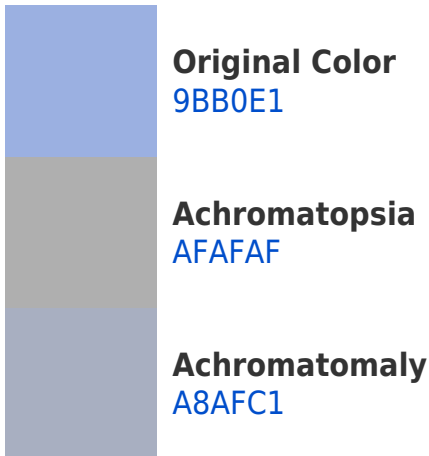


**Tritanopia**  
95B5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9BB0E1 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 #9BB0E1 looks like.

```
.text, #text, p{  
    color:#9BB0E1  
}
```

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 #9BB0E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9BB0E1
}
```

## Border

The CSS property to change the border of an element to Hex 9BB0E1 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
#9BB0E1 }
```

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

```
.border{ border-color:#9BB0E1 }
```

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

Here you see how a box with a 4 pixel #9BB0E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9BB0E1; -webkit-box-shadow:4px 4px  
4px 4px #9BB0E1; box-shadow:4px 4px 4px  
4px #9BB0E1 }
```

# Background

The CSS property to change the background color of an element to Hex 9BB0E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9BB0E1 }
```

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

```
.background{ background-color:#9BB0E1 }
```

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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