

# Converting Colors

Hex(91ACBA)

Have a look what the booklet for  
Hex(91ACBA) contains.

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# **Color**

**Hex(91ACBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91ACBA
RGB	145, 172, 186
RGB Percent	57%, 67%, 73%
CMY	0.4314, 0.3255, 0.2706
CMYK	0.22, 0.08, 0.00, 0.27
HSL	200°, 23%, 65%
HSV	200°, 22%, 73%
XYZ	35.2925, 39.0700, 52.1355
YIQ	165.5230, -20.5860, -1.3700

# Conversions

## Conversions Part 2

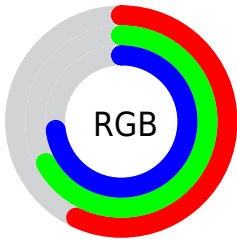
Format	Color
R <sub>Y</sub> B	145, 161, 186
Decimal	9546938
CIE Lab	68.80, -6.15, -10.26
CIE LCh	69, 11.958, 239.062
Yxy	39.0700, 0.2790, 0.3089
Android (android.graphics.Color)	4287737018 (0xFF91ACBA)
YUV	165.5230, 10.0952, -17.9987
Hunter-Lab	62.5060, -8.5997, -5.6989

# Details

The Hex color **91ACBA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **BA9F91**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **C7E3F2**, and **5E7885** is the 20% darker color. If you saturate the color by 10%, you get **7EA6BA**, and if you desaturate by 10%, it is **A4B2BA**.

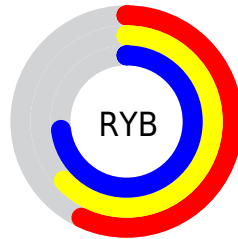
# Distribution



Red (57%)

Green (67%)

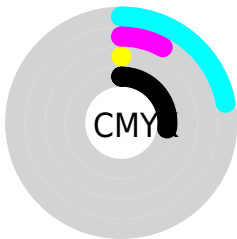
Blue (73%)



Red (57%)

Yellow (63%)

Blue (73%)

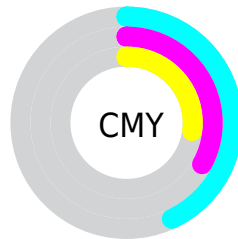


Cyan (22%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (43%)

Magenta (33%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91ACBA 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 91ACBA by changing the saturation by 10% instead.



■ 91ACBA

■ 91ACBA

FFFFFF

■ 77919F

■ C7E3F2

■ 5E7885

■ E4FFFF

■ 455F6C

■ 2E4753

■ 17313C

■ 001C27

■ 000112

■ 000000

■ 91ACBA

■ 91ACBA

7EA6BA

A4B2BA

6C9FBA

B6B9BA

5999BA

C9BFBA

4793BA

DBC5BA

348CBA

EECCBA

2186BA

FFD2BA

0F80BA

FFD8BA

007ABA

FFDFBA

FFE5BA

# Harmonies

## Analogous

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



8CAEB2



91ACBA



9CA9BD

# Triad

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



91ACBA



BDA1A9



A5AA95

# Complementary

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



91ACBA



BA9F91

# 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.



B1A792



91ACBA



BFA19E

# Square

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



91ACBA



B6A2B3



BBA496



99AD9C

# Rectangle

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



91ACBA



A5A6BC



BBA496



A9A993

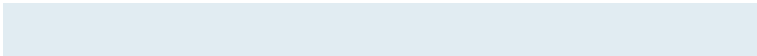


# Sweetspot

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



91ACBA



E1ECF2



91BA9F



71777A



FAFAFA



7A7A7A



# Same Dimension

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



91ACBA



B3DDF2



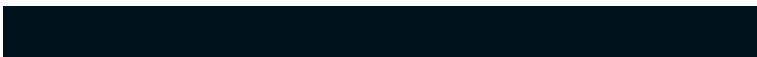
9198BA



53595C



00669C



00121C



# Inverse Universe

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



BA91AC



F2B3DD



BAB391



5C5359



9C0066

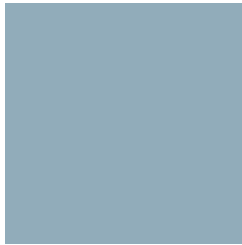


1C0012



# Previews

## White Background



This preview shows how the Hex color 91ACBA looks on a white background.

## Color Contrast Check

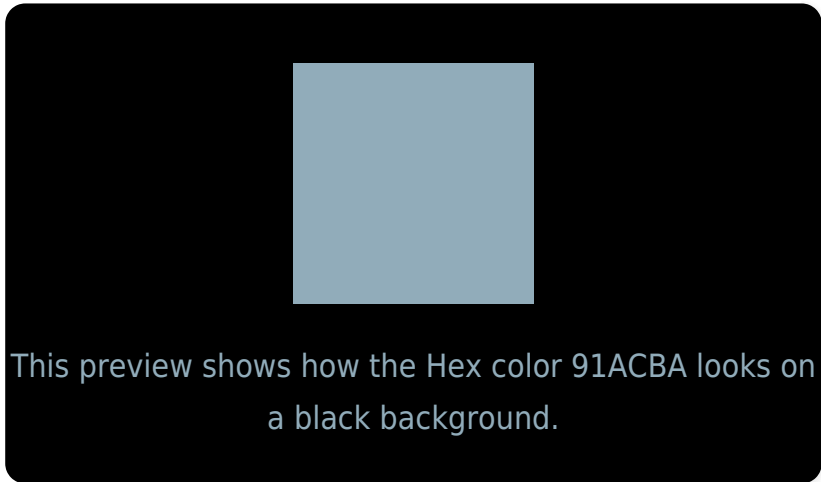
Large Text (above 18pt) WCAG AA × Fail

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

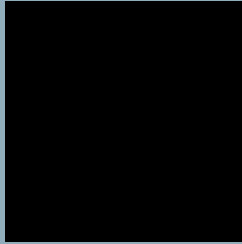
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

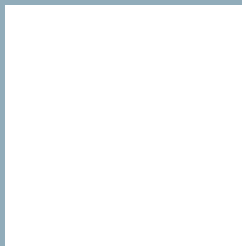
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91ACBA Background



This preview shows how black text looks on a background with the Hex color 91ACBA.



This preview shows how white text looks on a background with the Hex color 91ACBA.

# Color Blindness Simulation

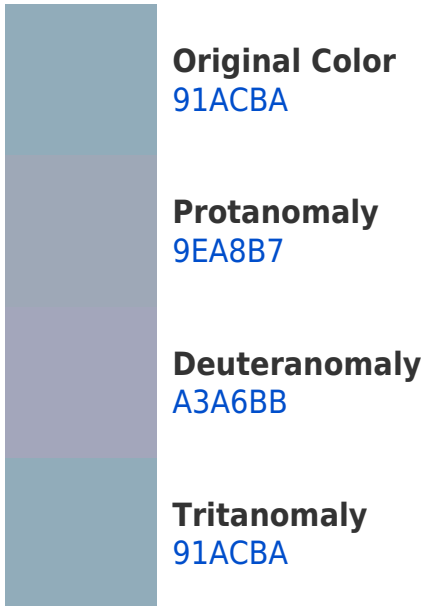
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

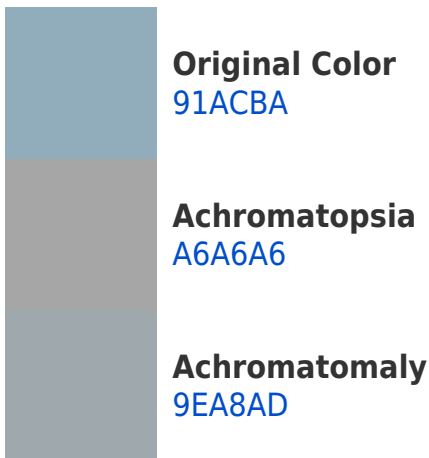




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91ACBA 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 #91ACBA looks like.

```
.text, #text, p{  
    color:#91ACBA  
}
```

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 #91ACBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91ACBA
}
```

## Border

The CSS property to change the border of an element to Hex 91ACBA 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".

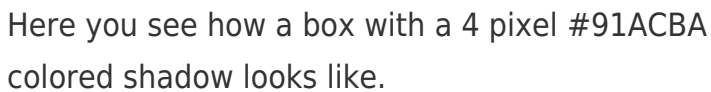
```
.border, #border, table{ border:4px solid
#91ACBA }
```

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

```
.border{ border-color:#91ACBA }
```

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

Here you see how a box with a 4 pixel #91ACBA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a thin blue border. Below the box, there is a thick blue shadow that is slightly offset to the right and bottom, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91ACBA; -webkit-box-shadow:4px 4px  
4px 4px #91ACBA; box-shadow:4px 4px 4px  
4px #91ACBA }
```

# Background

The CSS property to change the background color of an element to Hex 91ACBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91ACBA }
```

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

```
.background{ background-color:#91ACBA }
```

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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