

# Converting Colors

Hex(9191CA)

Have a look what the booklet for  
Hex(9191CA) contains.

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# **Color**

**Hex(9191CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9191CA
RGB	145, 145, 202
RGB Percent	57%, 57%, 79%
CMY	0.4314, 0.4314, 0.2078
CMYK	0.28, 0.28, 0.00, 0.21
HSL	240°, 35%, 68%
HSV	240°, 28%, 79%
XYZ	32.4631, 30.5348, 60.0599
YIQ	151.4980, -18.2970, 17.7270

# Conversions

## Conversions Part 2

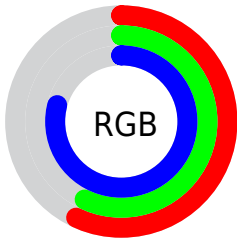
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 145, 202
Decimal	9540042
CIELab	62.11, 12.81, -29.35
CIELCh	62, 32.020, 293.585
Yxy	30.5348, 0.2638, 0.2481
Android (android.graphics.Color)	4287730122 (0xFF9191CA)
YUV	151.4980, 24.8975, -5.6987
Hunter-Lab	55.2583, 8.1630, -25.7611

# Details

The Hex color **9191CA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CACA91**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **C8C7FF**, and **5D5F94** is the 20% darker color. If you saturate the color by 10%, you get **7D7DCA**, and if you desaturate by 10%, it is **A5A5CA**.

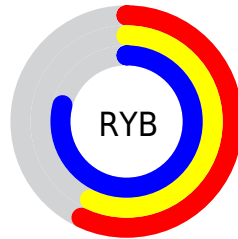
# Distribution



Red (57%)

Green (57%)

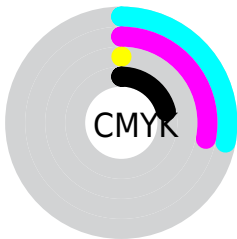
Blue (79%)



Red (57%)

Yellow (57%)

Blue (79%)

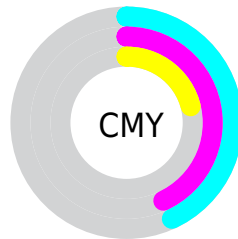


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (21%)



Cyan (43%)

Magenta (43%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9191CA 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 9191CA by changing the saturation by 10% instead.



■ 9191CA

■ 9191CA

FFFFFF

■ 7777AE

■ C8C7FF

■ 5D5F94

■ E4E3FF

■ 44477A

■ 2B3161

■ 111C49

■ 000232

■ 00021C

■ 000000

■ 9191CA

■ 9191CA

7D7DCA

A5A5CA

6969CA

B9B9CA

5454CA

CECECA

4040CA

E2E2CA

2C2CCA

F6F6CA

1818CA

FFFFCA

0404CA

0000CA

# Harmonies

## Analogous

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



649BCE



9191CA



B487B8

# Triad

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



9191CA



C48969



4EA58F

# Complementary

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



9191CA



CACA91

# 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.



71A274



9191CA



AF925E

# Square

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



9191CA



CE8281



929B61



2FA5AC

# Rectangle

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



9191CA



C482A7



929B61



5AA485



# Sweetspot

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



9191CA



EBEBFF



91CACA



737380



000000



808080



# Same Dimension

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



9191CA



A8A8FF



AE91CA



5C5C66



0000A6



000026



# Inverse Universe

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



CA91CA



FFA8FF



AECA91



665C66



A600A6

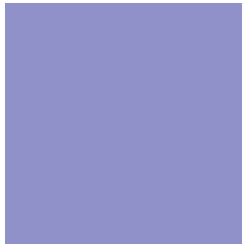


260026



# Previews

## White Background



This preview shows how the Hex color 9191CA looks on a white background.

## Color Contrast Check

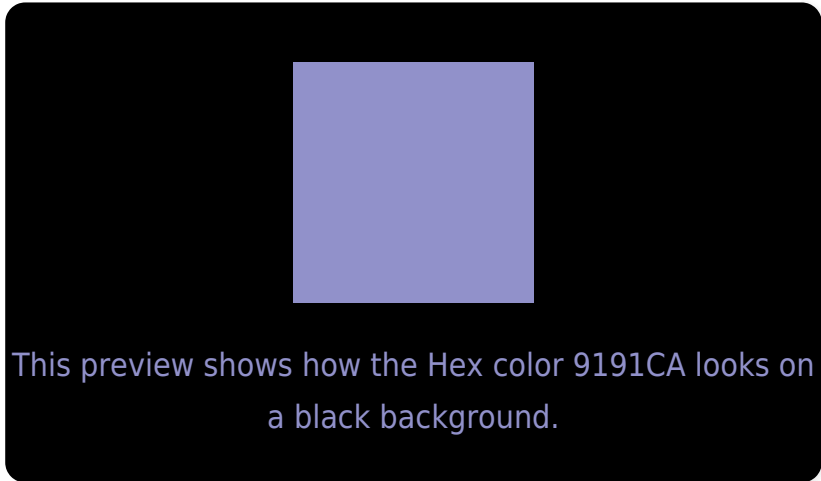
Large Text (above 18pt) WCAG AA × Fail

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

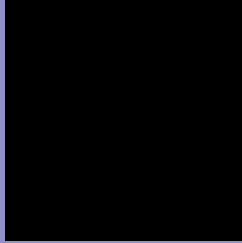
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9191CA Background



This preview shows how black text looks on a background with the Hex color 9191CA.



This preview shows how white text looks on a background with the Hex color 9191CA.

# 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**  
9191CA

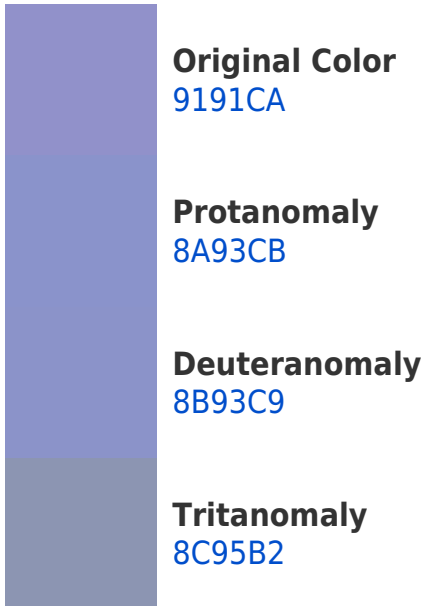
**Protanopia**  
8694CC

**Deuteranopia**  
8894C9

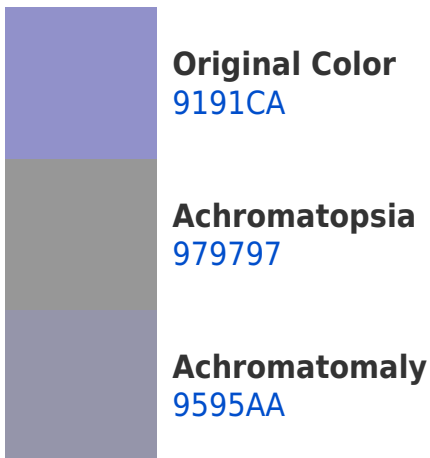


**Tritanopia**  
8998A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9191CA 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 #9191CA looks like.

```
.text, #text, p{  
    color:#9191CA  
}
```

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 #9191CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9191CA
}
```

## Border

The CSS property to change the border of an element to Hex 9191CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

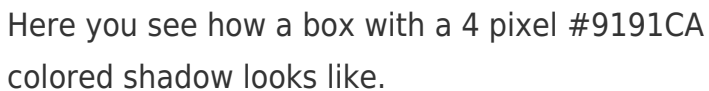
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9191CA }
```

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

```
.border{ border-color:#9191CA }
```

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



Here you see how a box with a 4 pixel #9191CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9191CA; -webkit-box-shadow:4px 4px  
4px 4px #9191CA; box-shadow:4px 4px 4px  
4px #9191CA }
```

# Background

The CSS property to change the background color of an element to Hex 9191CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9191CA }
```

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

```
.background{ background-color:#9191CA }
```

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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