

# Converting Colors

Hex(9E91C6)

Have a look what the booklet for  
Hex(9E91C6) contains.

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# **Color**

**Hex(9E91C6)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 9E91C6                     |
| RGB         | 158, 145, 198              |
| RGB Percent | 62%, 57%, 78%              |
| CMY         | 0.3804, 0.4314, 0.2235     |
| CMYK        | 0.20, 0.27, 0.00, 0.22     |
| HSL         | 255°, 32%, 67%             |
| HSV         | 255°, 27%, 78%             |
| XYZ         | 34.4190, 31.5971, 57.7109  |
| YIQ         | 154.9290, -9.2650, 19.2390 |

# Conversions

## Conversions Part 2

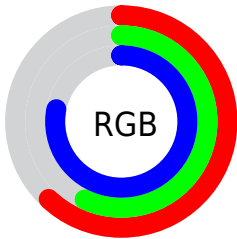
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 158, 145, 198                 |
| Decimal                             | 10392006                      |
| CIE <sub>Lab</sub>                  | 63.01, 15.83, -25.63          |
| CIE <sub>LCh</sub>                  | 63, 30.131, 301.703           |
| Yxy                                 | 31.5971, 0.2782,<br>0.2554    |
| Android<br>(android.graphics.Color) | 4288582086<br>(0xFF9E91C6)    |
| YUV                                 | 154.9290, 21.2340,<br>2.6933  |
| Hunter-Lab                          | 56.2113, 10.9283,<br>-21.5238 |

# Details

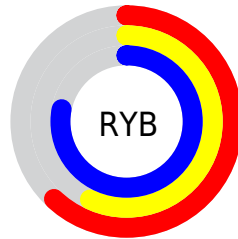
The Hex color **9E91C6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B9C691**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D5C7FF**, and **6A5F90** is the 20% darker color. If you saturate the color by 10%, you get **8F7DC6**, and if you desaturate by 10%, it is **ADA5C6**.

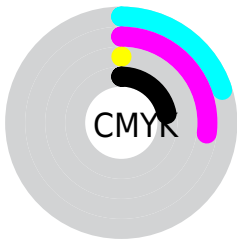
# Distribution



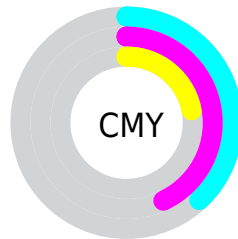
- Red (62%)
- Green (57%)
- Blue (78%)



- Red (62%)
- Yellow (57%)
- Blue (78%)



- Cyan (20%)
- Magenta (27%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (43%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E91C6 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 9E91C6 by changing the saturation by 10% instead.





9E91C6



9E91C6

FFFFFF



8377AB



D5C7FF



6A5F90



F2E3FF



514776



39305D



211B45



0D022F



00011A



000000



9E91C6




9E91C6

 8F7DC6

 ADA5C6

 8069C6

 BCB9C6

 7156C6

 CBCCC6

 6242C6

 DAE0C6

 532EC6

 E9F4C6

 441AC6

 F8FFC6

 3506C6

 FFFFC6

 3100C6

# Harmonies

## Analogous

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



779ACE



9E91C6



BC88B2

# Triad

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



9E91C6



C08E6A



4EA799

# Complementary

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



9E91C6



B9C691

# 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.



6DA57E



9E91C6



A99763

# Square

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



9E91C6



CC877E



8D9F6A



3CA6B4

# Rectangle

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



9E91C6



C885A1



8D9F6A



58A790



# Sweetspot

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



9E91C6



F0EBFF



91BAC6



767380



000000



808080



# Same Dimension

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



9E91C6



C1ADFF



B891C6



5C5A63



2800A3



090024



# Inverse Universe

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



C691B9



FFADEV



9FC691



635A61



A3007B



24001B



# Previews

## White Background



This preview shows how the Hex color 9E91C6 looks on a white background.

## Color Contrast Check

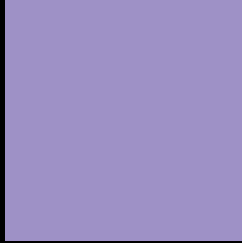
Large Text (above 18pt) WCAG AA × Fail

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 9E91C6 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 9E91C6 Background



This preview shows how black text looks on a background with the Hex color 9E91C6.

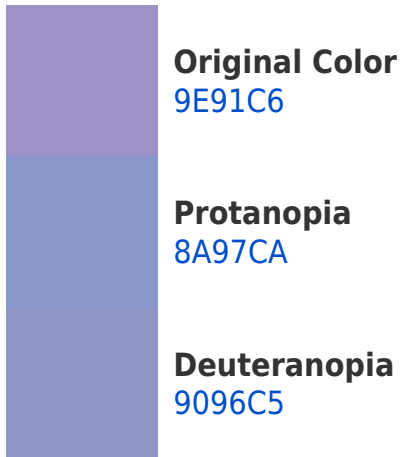


This preview shows how white text looks on a background with the Hex color 9E91C6.

# 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](#).

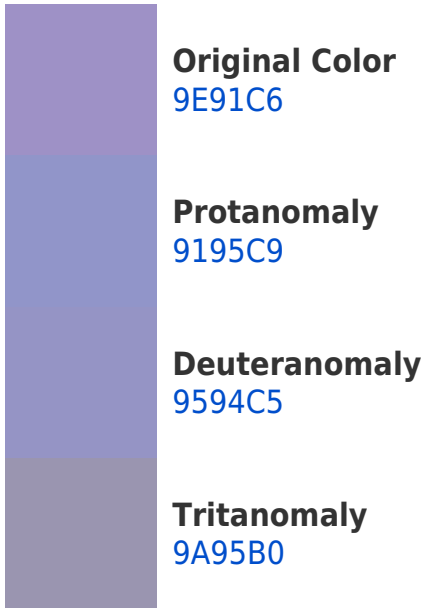
## Dichromacy



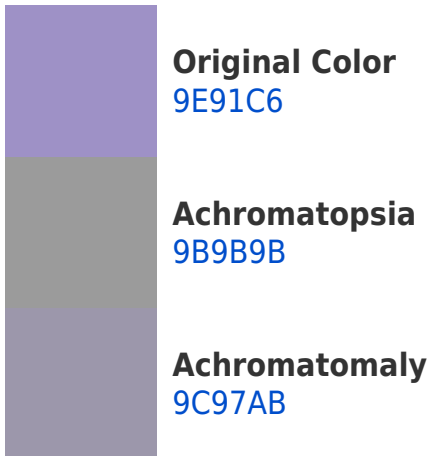


**Tritanopia**  
9897A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E91C6 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 #9E91C6 looks like.

```
.text, #text, p{  
    color:#9E91C6  
}
```

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 #9E91C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E91C6
}
```

## Border

The CSS property to change the border of an element to Hex 9E91C6 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
#9E91C6 }
```

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

```
.border{ border-color:#9E91C6 }
```

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

Here you see how a box with a 4 pixel #9E91C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E91C6; -webkit-box-shadow:4px 4px  
4px 4px #9E91C6; box-shadow:4px 4px 4px  
4px #9E91C6 }
```

# Background

The CSS property to change the background color of an element to Hex 9E91C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E91C6 }
```

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

```
.background{ background-color:#9E91C6 }
```

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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