

# Converting Colors

Hex(9691E6)

Have a look what the booklet for  
Hex(9691E6) contains.

<b>Hex(9691E6)</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(9691E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9691E6
RGB	150, 145, 230
RGB Percent	59%, 57%, 90%
CMY	0.4118, 0.4314, 0.0980
CMYK	0.35, 0.37, 0.00, 0.10
HSL	244°, 63%, 74%
HSV	244°, 37%, 90%
XYZ	36.9860, 32.4480, 79.1766
YIQ	156.1850, -24.3050, 27.4950

# Conversions

## Conversions Part 2

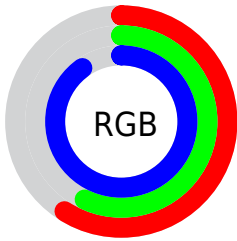
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 145, 230
Decimal	9867750
CIE <sub>Lab</sub>	63.71, 21.45, -42.42
CIE <sub>LCh</sub>	64, 47.532, 296.829
Yxy	32.4480, 0.2489, 0.2183
Android (android.graphics.Color)	4288057830 (0xFF9691E6)
<b>YUV</b>	156.1850, 36.3908, -5.4242
Hunter-Lab	56.9631, 16.2140, -42.5367

# Details

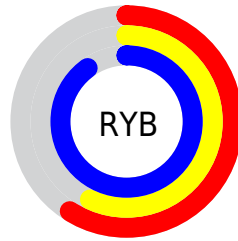
The Hex color **9691E6** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E1E691**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CEC7FF**, and **605FAE** is the 20% darker color. If you saturate the color by 10%, you get **807AE6**, and if you desaturate by 10%, it is **ACA8E6**.

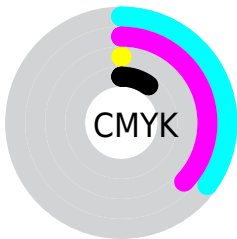
# Distribution



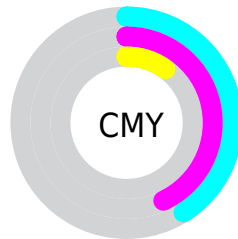
- Red (59%)
- Green (57%)
- Blue (90%)



- Red (59%)
- Yellow (57%)
- Blue (90%)



- Cyan (35%)
- Magenta (37%)
- Yellow (0%)
- Black (10%)



- Cyan (41%)
- Magenta (43%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9691E6 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 9691E6 by changing the saturation by 10% instead.



■ 9691E6

■ 9691E6

FFFFFF

■ 7B77CA

■ CEC7FF

■ 605FAE

■ EBE3FF

■ 454793

■ 293179

■ 031C60

■ 000447

■ 000430

■ 00011A

■ 000000

9691E6

9691E6

807AE6

ACA8E6

6B63E6

C1BFE6

554CE6

D7D6E6

3F35E6

EDEDE6

2A1EE6

FFFFE6

1407E6

0E00E6

# Harmonies

## Analogous

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



3FA0EF



9691E6



CA81C9

# Triad

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



9691E6



D78754



00AF94

# Complementary

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



9691E6



E1E691

# 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.



58AC6A



9691E6



B79643

# Square

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



9691E6



E97A76



8DA34C



00AFBF

# Rectangle

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



9691E6



DF79AF



8DA34C



1BAF86



# Sweetspot

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



9691E6



E5E3FF



91E2E6



706F80



000000



808080



# Same Dimension

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



9691E6



958FFF



C091E6



686773



0A00B3



030033



# Inverse Universe

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



E691E1



FF8FF8



B7E691



736772



B300A8

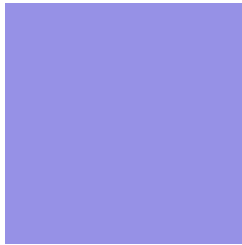


330030



# Previews

## White Background



This preview shows how the Hex color 9691E6 looks on a white background.

## Color Contrast Check

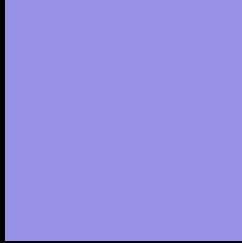
Large Text (above 18pt) WCAG AA × Fail

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 9691E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

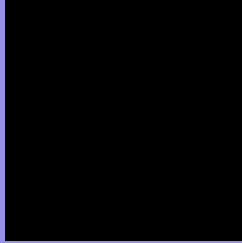
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9691E6 Background



This preview shows how black text looks on a background with the Hex color 9691E6.

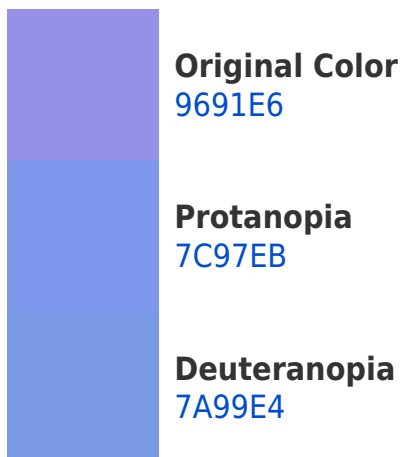


This preview shows how white text looks on a background with the Hex color 9691E6.

# 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](#).

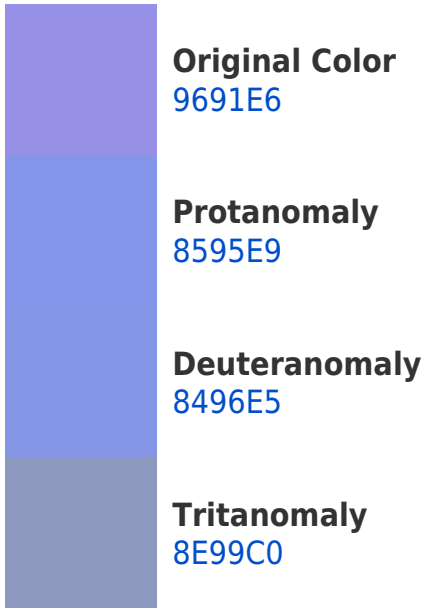
## Dichromacy



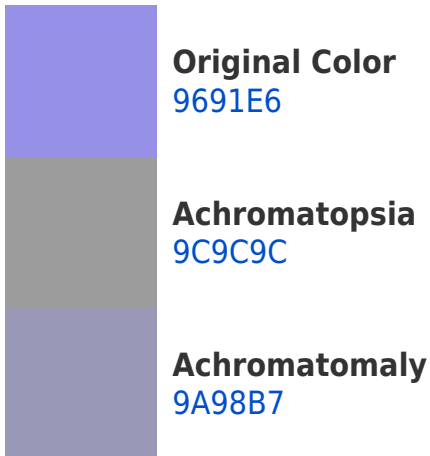


**Tritanopia**  
899DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9691E6 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 #9691E6 looks like.

```
.text, #text, p{  
    color:#9691E6  
}
```

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 #9691E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9691E6  
}
```

## Border

The CSS property to change the border of an element to Hex 9691E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

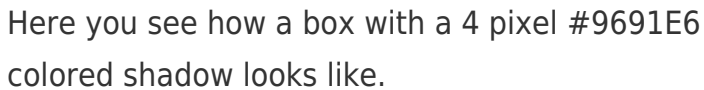
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9691E6 }
```

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

```
.border{ border-color:#9691E6 }
```

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



Here you see how a box with a 4 pixel #9691E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9691E6; -webkit-box-shadow:4px 4px  
4px 4px #9691E6; box-shadow:4px 4px 4px  
4px #9691E6 }
```

# Background

The CSS property to change the background color of an element to Hex 9691E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9691E6 }
```

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

```
.background{ background-color:#9691E6 }
```

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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