

# Converting Colors

Hex(9991E8)

Have a look what the booklet for  
Hex(9991E8) contains.

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# Color

**Hex(9991E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9991E8
RGB	153, 145, 232
RGB Percent	60%, 57%, 91%
CMY	0.4000, 0.4314, 0.0902
CMYK	0.34, 0.38, 0.00, 0.09
HSL	246°, 65%, 74%
HSV	246°, 38%, 91%
XYZ	37.8278, 32.8493, 80.6907
YIQ	157.3100, -23.1590, 28.7530

# Conversions

## Conversions Part 2

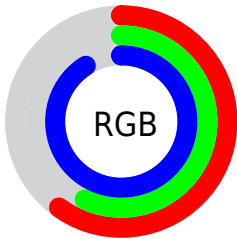
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 145, 232
Decimal	10064360
CIE <sub>Lab</sub>	64.04, 22.79, -42.99
CIE <sub>LCh</sub>	64, 48.658, 297.929
Yxy	32.8493, 0.2499, 0.2170
Android (android.graphics.Color)	4288254440 (0xFF9991E8)
YUV	157.3100, 36.8222, -3.7799
Hunter-Lab	57.3143, 17.5109, -43.3522

# Details

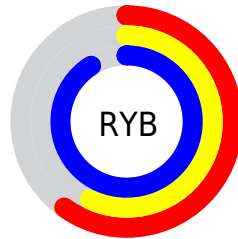
The Hex color **9991E8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E0E891**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D1C7FF**, and **635FB0** is the 20% darker color. If you saturate the color by 10%, you get **847AE8**, and if you desaturate by 10%, it is **AEA8E8**.

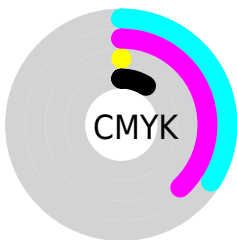
# Distribution



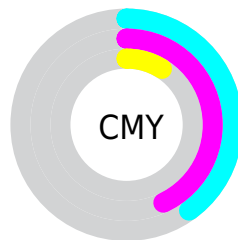
- Red (60%)
- Green (57%)
- Blue (91%)



- Red (60%)
- Yellow (57%)
- Blue (91%)



- Cyan (34%)
- Magenta (38%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (43%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9991E8 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 9991E8 by changing the saturation by 10% instead.



■ 9991E8

FFFFFF

■ D1C7FF

■ EFE3FF

■ 9991E8

■ 7E77CC

■ 635FB0

■ 484795

■ 2C317B

■ 081C61

■ 000549

■ 000432

■ 00011C

■ 000000

■ 9991E8

■ 9991E8

■ 847AE8

■ AEA8E8

■ 6F63E8

■ C3BFE8

■ 5A4BE8

■ D8D7E8

■ 4534E8

■ EDEEE8

■ 301DE8

■ FFFFE8

■ 1B06E8

■ 1500E8

# Harmonies

## Analogous

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



3FA1F2



9991E8



CE80CA

# Triad

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



9991E8



D88852



00B197

# Complementary

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



9991E8



E0E891

# 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.



55AD6B



9991E8



B79841

# Square

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



9991E8



EB7A75



8CA54B



00B0C3

# Rectangle

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



9991E8



E378AF



8CA54B



05B088



# Sweetspot

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



9991E8



E6E3FF



91E1E8



706F80



000000



808080



# Same Dimension

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



9991E8



978CFF



C491E8



686773



1000B3



050033



# Inverse Universe

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



E891E0



FF8CF4



B5E891



736772



B300A2

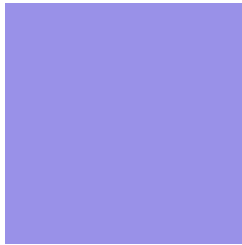


33002E



# Previews

## White Background



This preview shows how the Hex color 9991E8 looks on a white background.

## Color Contrast Check

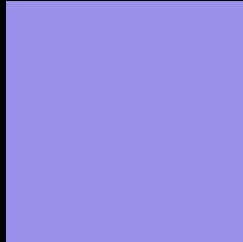
Large Text (above 18pt) WCAG AA × Fail

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 9991E8 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 9991E8 Background



This preview shows how black text looks on a background with the Hex color 9991E8.

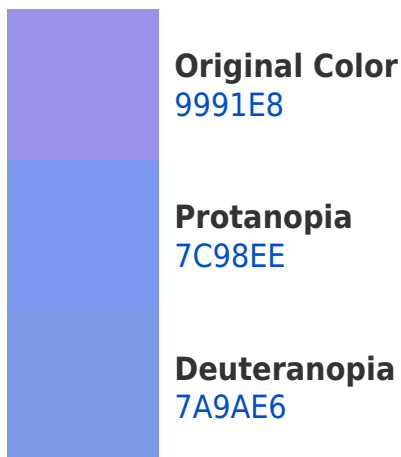


This preview shows how white text looks on a background with the Hex color 9991E8.

# 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](#).

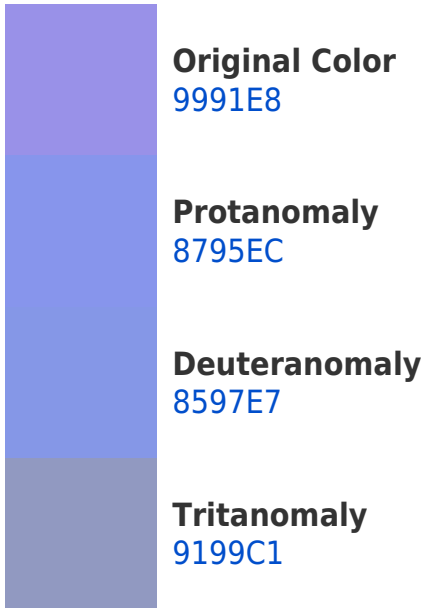
## Dichromacy



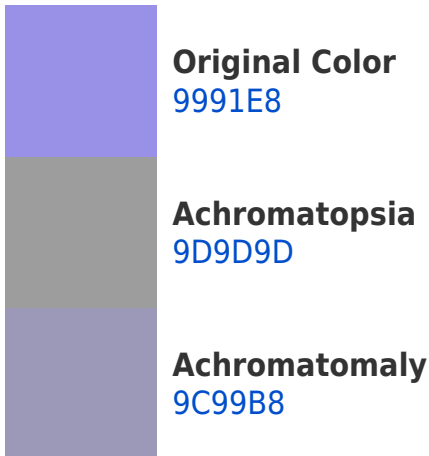


**Tritanopia**  
8C9EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9991E8 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 #9991E8 looks like.

```
.text, #text, p{  
    color:#9991E8  
}
```

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 #9991E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9991E8  
}
```

## Border

The CSS property to change the border of an element to Hex 9991E8 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  
#9991E8 }
```

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

```
.border{ border-color:#9991E8 }
```

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

Here you see how a box with a 4 pixel #9991E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9991E8; -webkit-box-shadow:4px 4px  
4px 4px #9991E8; box-shadow:4px 4px 4px  
4px #9991E8 }
```

# Background

The CSS property to change the background color of an element to Hex 9991E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9991E8 }
```

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

```
.background{ background-color:#9991E8 }
```

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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