

# Converting Colors

Hex(9986EB)

Have a look what the booklet for  
Hex(9986EB) contains.

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# Color

**Hex(9986EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9986EB
RGB	153, 134, 235
RGB Percent	60%, 53%, 92%
CMY	0.4000, 0.4745, 0.0784
CMYK	0.35, 0.43, 0.00, 0.08
HSL	251°, 72%, 72%
HSV	251°, 43%, 92%
XYZ	36.6574, 29.8207, 82.4212
YIQ	151.1950, -21.0970, 35.4390

# Conversions

## Conversions Part 2

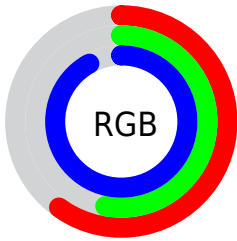
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 134, 235
Decimal	10061547
CIE <sub>Lab</sub>	61.50, 29.90, -48.65
CIE <sub>LCh</sub>	61, 57.109, 301.576
Yxy	29.8207, 0.2462, 0.2003
Android (android.graphics.Color)	4288251627 (0xFF9986EB)
YUV	151.1950, 41.3159, 1.5830
Hunter-Lab	54.6083, 24.2587, -51.2615

# Details

The Hex color **9986EB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D8EB86**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **D2BBFF**, and **6254B3** is the 20% darker color. If you saturate the color by 10%, you get **866FEB**, and if you desaturate by 10%, it is **AC9EEB**.

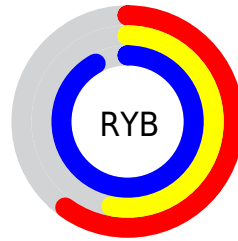
# Distribution



Red (60%)

Green (53%)

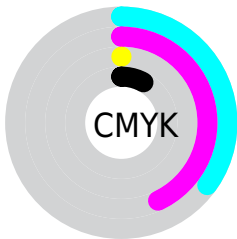
Blue (92%)



Red (60%)

Yellow (53%)

Blue (92%)

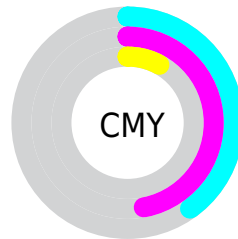


Cyan (35%)

Magenta (43%)

Yellow (0%)

Black (8%)



Cyan (40%)

Magenta (47%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9986EB 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 9986EB by changing the saturation by 10% instead.



 9986EB

 9986EB

FFFFFF

 7D6DCE

 D2BBFF

 6254B3

 EFD7FF

 463D97

 FFF4FF

 29267D

 001264

 00004B

 000433

 00021D

 000000

 9986EB

 9986EB

 866FEB

 AC9EEB

 7357EB

 BFB5EB

 6040EB

 D2CDEB

 4D28EB

 E5E4EB

 3A11EB

 F8FCEB

 2C00EB

 FFFFEB

# Harmonies

## Analogous

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



0899FA



9986EB



D471C5

# Triad

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



9986EB



D5803A



00AD96

# Complementary

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



9986EB



D8EB86

# 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.



2AA962



9986EB



AD9326

# Square

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



9986EB



ED6D62



7AA138



00ACC8

# Rectangle

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



9986EB



E967A5



7AA138



00AC84



# Sweetspot

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



9986EB



E4DEFF



86D8EB



6F6B80



000000



808080



# Same Dimension

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



9986EB



937AFF



CB86EB



6C6A75



2200B5



0A0036



# Inverse Universe

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



EB86D8



FF7AE6



A6EB86



756A73



B50093

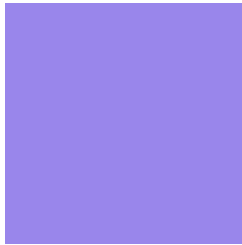


36002B



# Previews

## White Background



This preview shows how the Hex color 9986EB looks on a white background.

## Color Contrast Check

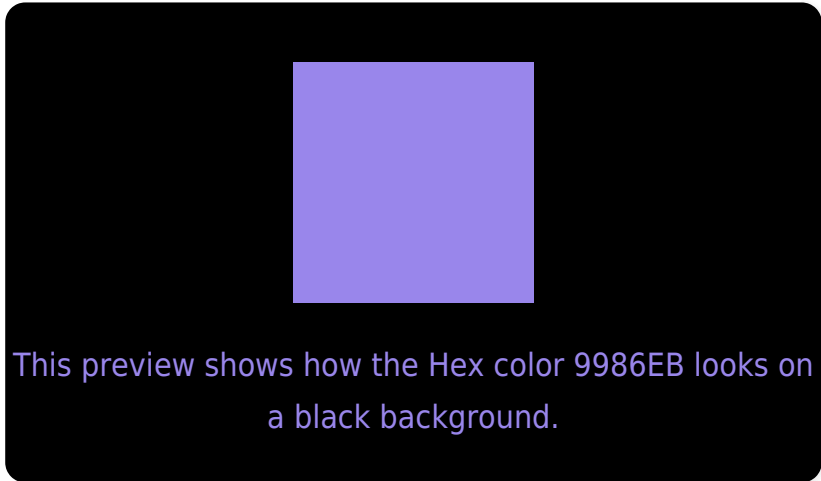
Large Text (above 18pt) WCAG AA ✓ Pass

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

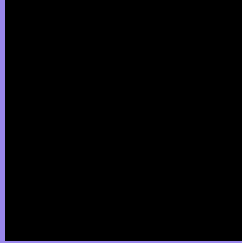
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9986EB Background



This preview shows how black text looks on a background with the Hex color 9986EB.

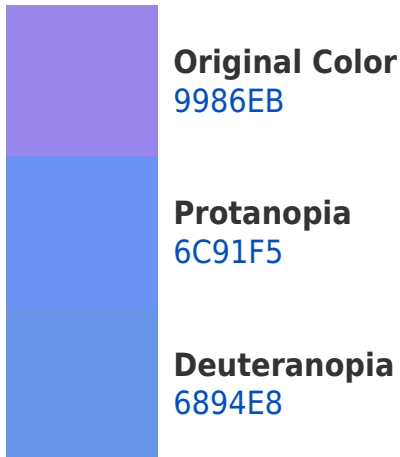


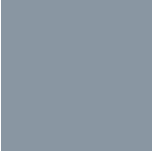
This preview shows how white text looks on a background with the Hex color 9986EB.

# 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](#).

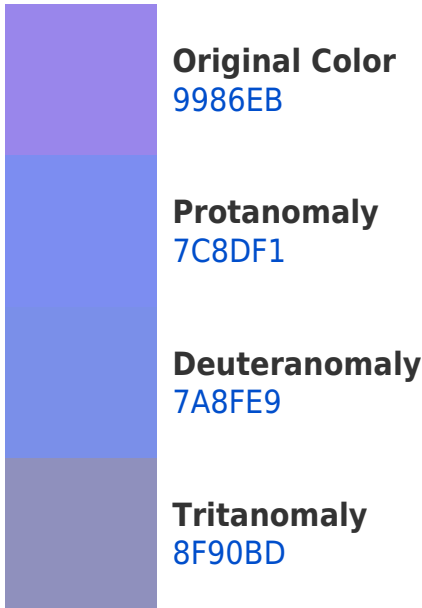
## Dichromacy





**Tritanopia**  
8996A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9986EB 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 #9986EB looks like.

```
.text, #text, p{  
    color:#9986EB  
}
```

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 #9986EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9986EB  
}
```

## Border

The CSS property to change the border of an element to Hex 9986EB 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  
#9986EB }
```

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

```
.border{ border-color:#9986EB }
```

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

Here you see how a box with a 4 pixel #9986EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9986EB; -webkit-box-shadow:4px 4px  
4px 4px #9986EB; box-shadow:4px 4px 4px  
4px #9986EB }
```

# Background

The CSS property to change the background color of an element to Hex 9986EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9986EB }
```

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

```
.background{ background-color:#9986EB }
```

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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