

Converting Colors

Hex(9899E4)

Have a look what the booklet for
Hex(9899E4) contains.

Hex(9899E4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9899E4)

Conversions

Conversions Part 1

Format	Color
Hex	9899E4
RGB	152, 153, 228
RGB Percent	60%, 60%, 89%
CMY	0.4039, 0.4000, 0.1059
CMYK	0.33, 0.33, 0.00, 0.11
HSL	239°, 58%, 75%
HSV	239°, 33%, 89%
XYZ	38.3437, 35.0593, 78.1450
YIQ	161.2510, -24.6710, 23.1130

Conversions

Conversions Part 2

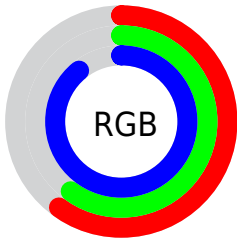
Format	Color
R_{YB}	152, 153, 228
Decimal	10000868
CIE _{Lab}	65.79, 16.89, -38.04
CIE _{LCh}	66, 41.619, 293.937
Yxy	35.0593, 0.2530, 0.2313
Android (android.graphics.Color)	4288190948 (0xFF9899E4)
YUV	161.2510, 32.9073, -8.1131
Hunter-Lab	59.2109, 11.9737, -36.8017

Details

The Hex color **9899E4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E4E398**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D0CFFF**, and **6266AC** is the 20% darker color. If you saturate the color by 10%, you get **8183E4**, and if you desaturate by 10%, it is **AFAFE4**.

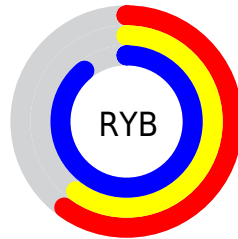
Distribution



Red (60%)

Green (60%)

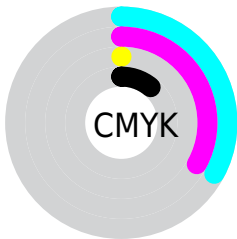
Blue (89%)



Red (60%)

Yellow (60%)

Blue (89%)

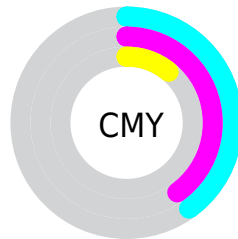


Cyan (33%)

Magenta (33%)

Yellow (0%)

Black (11%)



Cyan (40%)

Magenta (40%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9899E4 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 9899E4 by changing the saturation by 10% instead.

■ 9899E4

■ 9899E4

FFFFFF

■ 7D7FC8

■ D0CFFF

■ 6266AC

■ EDEBFF

■ 484E91

■ 2D3877

■ 0D225E

■ 000E46

■ 00042F

■ 000119

■ 000000

■ 9899E4

■ 9899E4

■ 8183E4

■ AFAFE4

■ 6A6CE4

■ C6C6E4

■ 5456E4

■ DCDDE4

■ 3D3FE4

■ F3F3E4

■ 2628E4

■ FFFFE4

■ 0F12E4

■ 0003E4

Harmonies

Analogous

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



54A6EA



9899E4



C78BCC

Triad

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



9899E4



DA8E65



31B397

Complementary

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



9899E4



E4E398

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.



6DAF72



9899E4



BE9B55

Square

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



9899E4



E78484



99A75A



00B3BD

Rectangle

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



9899E4



DB84B5



99A75A



49B28A

Sweetspot

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



9899E4



E6E6FF



98E4E3



707080



000000



808080

Same Dimension

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



9899E4



999AFF



BD98E4



676773



0002B3



000133

Inverse Universe

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



E49899



FF999A



BFE498



736767



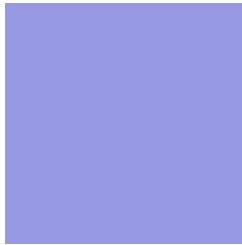
B30002



330001

Previews

White Background



This preview shows how the Hex color 9899E4 looks on a white background.

Color Contrast Check

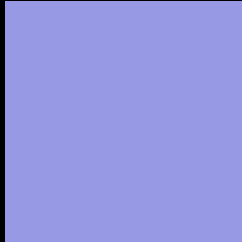
Large Text (above 18pt) WCAG AA × Fail

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 9899E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

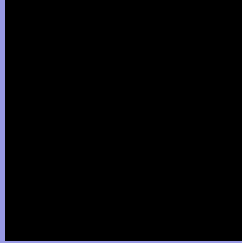
Any Text WCAG AA ✓ Pass

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 9899E4 Background



This preview shows how black text looks on a background with the Hex color 9899E4.



This preview shows how white text looks on a background with the Hex color 9899E4.

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](#).

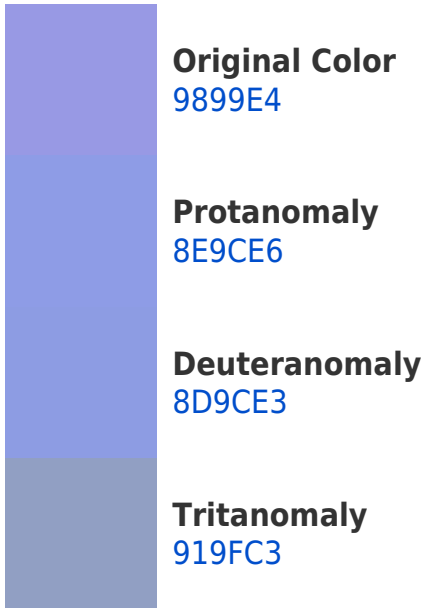
Dichromacy



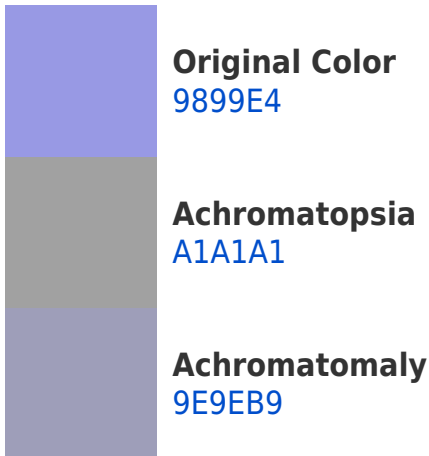


Tritanopia
8DA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9899E4 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 #9899E4 looks like.

```
.text, #text, p{  
    color:#9899E4  
}
```

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 #9899E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9899E4
}
```

Border

The CSS property to change the border of an element to Hex 9899E4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

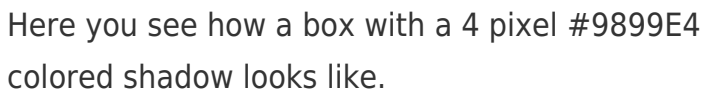
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9899E4 }
```

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

```
.border{ border-color:#9899E4 }
```

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



Here you see how a box with a 4 pixel #9899E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9899E4; -webkit-box-shadow:4px 4px  
4px 4px #9899E4; box-shadow:4px 4px 4px  
4px #9899E4 }
```

Background

The CSS property to change the background color of an element to Hex 9899E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9899E4 }
```

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

```
.background{ background-color:#9899E4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor