

Converting Colors

Hex(9791E2)

Have a look what the booklet for
Hex(9791E2) contains.

Hex(9791E2)	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(9791E2)

Conversions

Conversions Part 1

Format	Color
Hex	9791E2
RGB	151, 145, 226
RGB Percent	59%, 57%, 89%
CMY	0.4078, 0.4314, 0.1137
CMYK	0.33, 0.36, 0.00, 0.11
HSL	244°, 58%, 73%
HSV	244°, 36%, 89%
XYZ	36.6154, 32.3211, 76.2603
YIQ	156.0280, -22.4250, 26.4630

Conversions

Conversions Part 2

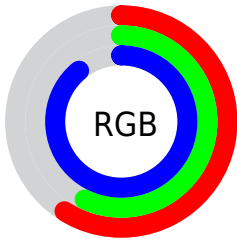
Format	Color
RYB	151, 145, 226
Decimal	9933282
CIELab	63.61, 20.68, -40.36
CIElCh	64, 45.348, 297.128
Yxy	32.3211, 0.2522, 0.2226
Android (android.graphics.Color)	4288123362 (0xFF9791E2)
YUV	156.0280, 34.4962, -4.4096
Hunter-Lab	56.8516, 15.4727, -39.7349

Details

The Hex color **9791E2** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DCE291**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CFC7FF**, and **615FAA** is the 20% darker color. If you saturate the color by 10%, you get **827AE2**, and if you desaturate by 10%, it is **ACA8E2**.

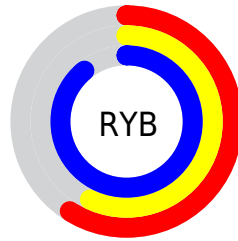
Distribution



Red (59%)

Green (57%)

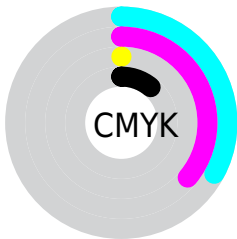
Blue (89%)



Red (59%)

Yellow (57%)

Blue (89%)

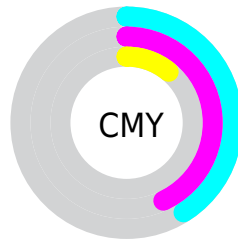


Cyan (33%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (41%)

Magenta (43%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9791E2 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 9791E2 by changing the saturation by 10% instead.

■ 9791E2

■ 9791E2

FFFFFF

■ 7C77C6

■ CFC7FF

■ 615FAA

■ ECE3FF

■ 47478F

■ 2B3175

■ 0A1C5C

■ 000444

■ 00032D

■ 000118

■ 000000

 9791E2

 9791E2

 827AE2

 ACA8E2

 6D64E2

 C1BEE2

 584DE2

 D6D5E2


 4337E2

 EBEBE2

 2E20E2

 FFFFE2

 1909E2

 1100E2

Harmonies

Analogous

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



499FEA



9791E2



C882C6

Triad

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



9791E2



D58857



00AE95

Complementary

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



9791E2



DCE291

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.



5BAB6D



9791E2



B69647

Square

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



9791E2



E57B77



8DA34F



00AEBE

Rectangle

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



9791E2



DC7AAD



8DA34F



29AE87

Sweetspot

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



9791E2



E5E3FF



91DDE2



706F80



000000



808080

Same Dimension

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



9791E2



9991FF



BF91E2



666570



0D00B0



040030

Inverse Universe

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



E291DC



FF91F7



B4E291



70656F



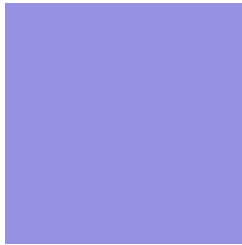
B000A3



30002D

Previews

White Background



This preview shows how the Hex color 9791E2 looks on a white background.

Color Contrast Check

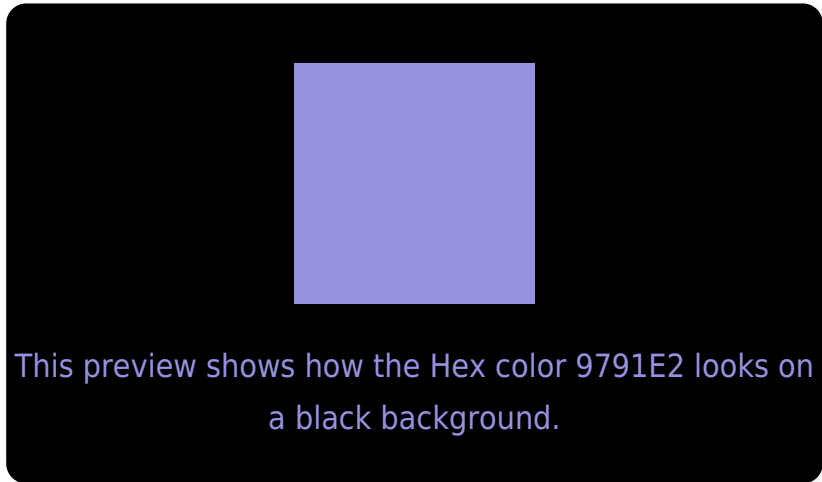
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

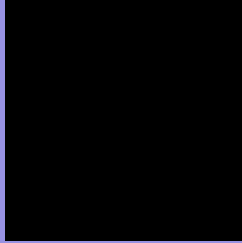
Any Text WCAG AA ✓ Pass

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 9791E2 Background



This preview shows how black text looks on a background with the Hex color 9791E2.

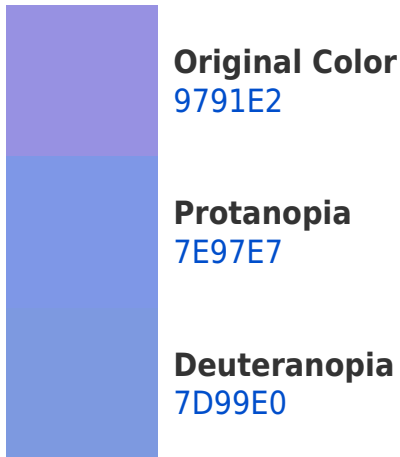


This preview shows how white text looks on a background with the Hex color 9791E2.

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](#).

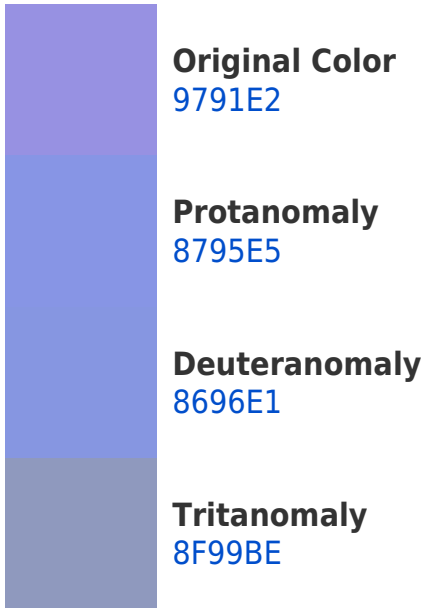
Dichromacy



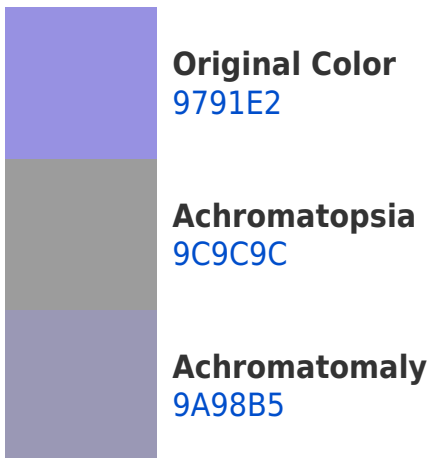


Tritanopia
8B9DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9791E2 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 #9791E2 looks like.

```
.text, #text, p{  
    color:#9791E2  
}
```

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 #9791E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9791E2
}
```

Border

The CSS property to change the border of an element to Hex 9791E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

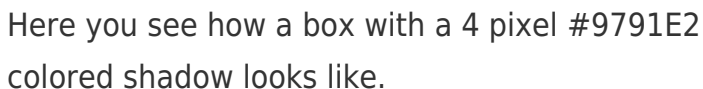
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9791E2 }
```

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

```
.border{ border-color:#9791E2 }
```

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



Here you see how a box with a 4 pixel #9791E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9791E2; -webkit-box-shadow:4px 4px  
4px 4px #9791E2; box-shadow:4px 4px 4px  
4px #9791E2 }
```

Background

The CSS property to change the background color of an element to Hex 9791E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9791E2 }
```

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

```
.background{ background-color:#9791E2 }
```

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