

Converting Colors

Hex(8983E2)

Have a look what the booklet for
Hex(8983E2) contains.

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Color

Hex(8983E2)

Conversions

Conversions Part 1

Format	Color
Hex	8983E2
RGB	137, 131, 226
RGB Percent	54%, 51%, 89%
CMY	0.4627, 0.4863, 0.1137
CMYK	0.39, 0.42, 0.00, 0.11
HSL	244°, 62%, 70%
HSV	244°, 42%, 89%
XYZ	32.1603, 27.0420, 75.4761
YIQ	143.6240, -26.9190, 30.8170

Conversions

Conversions Part 2

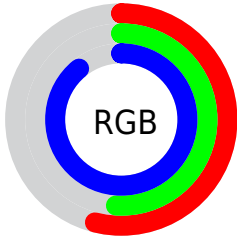
Format	Color
RYB	137, 131, 226
Decimal	9012194
CIELab	59.01, 25.08, -47.67
CIElCh	59, 53.866, 297.752
Yxy	27.0420, 0.2388, 0.2008
Android (android.graphics.Color)	4287202274 (0xFF8983E2)
YUV	143.6240, 40.6114, -5.8092
Hunter-Lab	52.0019, 19.3891, -49.6528

Details

The Hex color **8983E2** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DCE283**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **C1B8FF**, and **5252AA** is the 20% darker color. If you saturate the color by 10%, you get **746CE2**, and if you desaturate by 10%, it is **9E9AE2**.

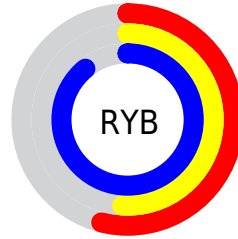
Distribution



Red (54%)

Green (51%)

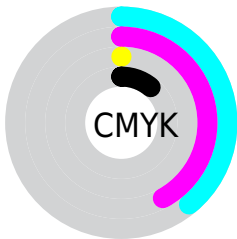
Blue (89%)



Red (54%)

Yellow (51%)

Blue (89%)

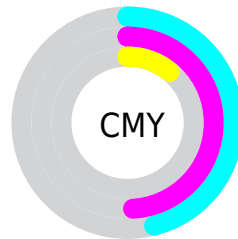


Cyan (39%)

Magenta (42%)

Yellow (0%)

Black (11%)



Cyan (46%)

Magenta (49%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8983E2 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 8983E2 by changing the saturation by 10% instead.

 8983E2

 8983E2

FFFFFF

 6D6AC6

 C1B8FF

 5252AA

 DED4FF

 353B8F

 FCF0FF

 132575

 00115C

 000044

 00032C

 000117

 000000

8983E2

8983E2

746CE2

9E9AE2

5F56E2

B3B0E2

493FE2

C9C7E2

3429E2

DEDDE2

1F12E2

F3F4E2

0E00E2

FFFFE2

Harmonies

Analogous

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



0094EC



8983E2



C46FC1

Triad

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



8983E2



CE783E



00A589

Complementary

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



8983E2



DCE283

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.



3BA159



8983E2



AA8A28

Square

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



8983E2



E36865



7C9834



00A4B9

Rectangle

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



8983E2



DA65A3



7C9834



00A478

Sweetspot

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



8983E2



E0DEFF



83DDE2



6C6B80



000000



808080

Same Dimension

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



8983E2



8880FF



B783E2



666570



0B00B0



030030

Inverse Universe

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



E283DC



FF80F7



AEE283



70656F



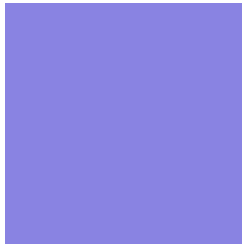
B000A5



30002D

Previews

White Background



This preview shows how the Hex color 8983E2 looks on a white background.

Color Contrast Check

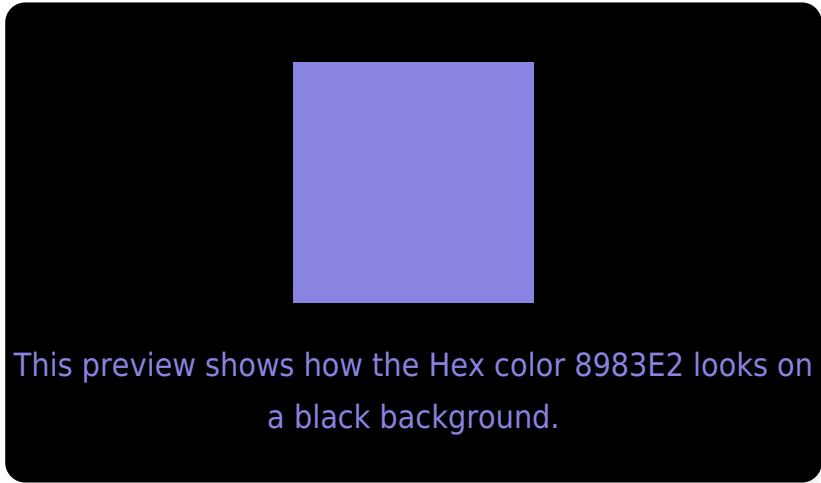
Large Text (above 18pt) WCAG AA ✓ Pass

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

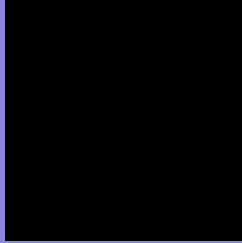
Any Text WCAG AA ✓ Pass

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 8983E2 Background



This preview shows how black text looks on a background with the Hex color 8983E2.

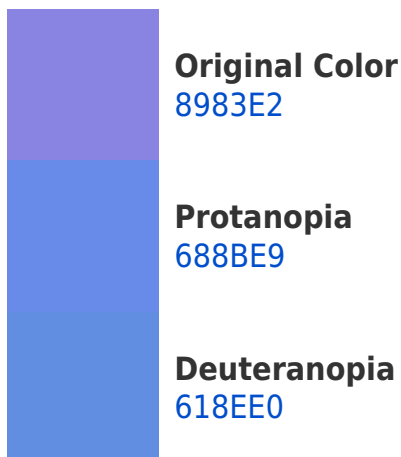


This preview shows how white text looks on a background with the Hex color 8983E2.

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](#).

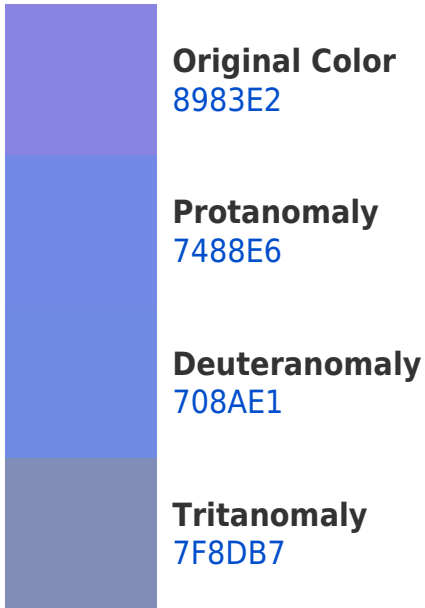
Dichromacy



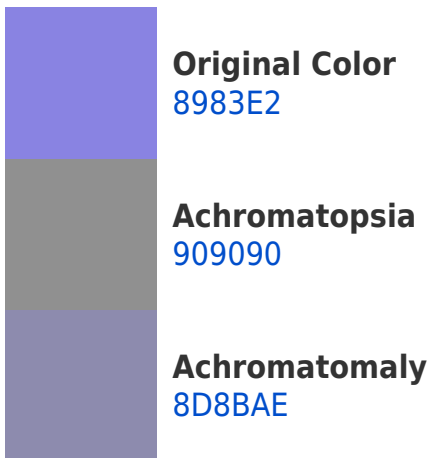


Tritanopia
79929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8983E2 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 #8983E2 looks like.

```
.text, #text, p{  
    color:#8983E2  
}
```

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 #8983E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8983E2
}
```

Border

The CSS property to change the border of an element to Hex 8983E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

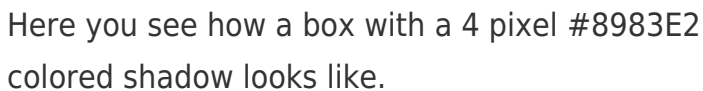
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8983E2 }
```

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

```
.border{ border-color:#8983E2 }
```

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



Here you see how a box with a 4 pixel #8983E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8983E2; -webkit-box-shadow:4px 4px  
4px 4px #8983E2; box-shadow:4px 4px 4px  
4px #8983E2 }
```

Background

The CSS property to change the background color of an element to Hex 8983E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8983E2 }
```

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

```
.background{ background-color:#8983E2 }
```

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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