

Converting Colors

Hex(8D99E3)

Have a look what the booklet for
Hex(8D99E3) contains.

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Color

Hex(8D99E3)

Conversions

Conversions Part 1

Format	Color
Hex	8D99E3
RGB	141, 153, 227
RGB Percent	55%, 60%, 89%
CMY	0.4471, 0.4000, 0.1098
CMYK	0.38, 0.33, 0.00, 0.11
HSL	232°, 61%, 72%
HSV	232°, 38%, 89%
XYZ	36.2409, 33.9912, 77.3239
YIQ	157.8480, -30.9060, 20.4700

Conversions

Conversions Part 2

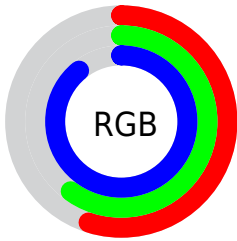
Format	Color
RYB	141, 152, 227
Decimal	9279971
CIELab	64.96, 13.62, -38.86
CIElCh	65, 41.175, 289.319
Yxy	33.9912, 0.2456, 0.2304
Android (android.graphics.Color)	4287470051 (0xFF8D99E3)
YUV	157.8480, 34.0919, -14.7757
Hunter-Lab	58.3020, 8.9281, -37.8229

Details

The Hex color **8D99E3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E3D78D**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C5CFFF**, and **5766AB** is the 20% darker color. If you saturate the color by 10%, you get **7685E3**, and if you desaturate by 10%, it is **A4ADE3**.

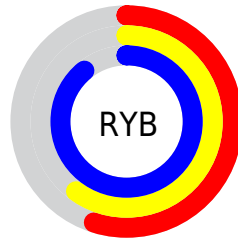
Distribution



Red (55%)

Green (60%)

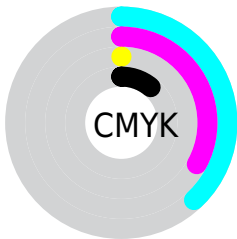
Blue (89%)



Red (55%)

Yellow (60%)

Blue (89%)

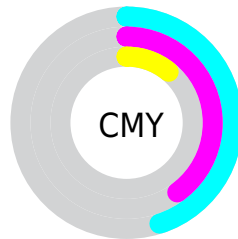


Cyan (38%)

Magenta (33%)

Yellow (0%)

Black (11%)



Cyan (45%)

Magenta (40%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8D99E3 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 8D99E3 by changing the saturation by 10% instead.

■ 8D99E3

■ 8D99E3

FFFFFF

■ 727FC7

■ C5CFFF

■ 5766AB

■ E2EBFF

■ 3B4E90

■ 1E3876

■ 00235D

■ 000E45

■ 00042E

■ 000119

■ 000000

■ 8D99E3

■ 8D99E3

■ 7685E3

■ A4ADE3

■ 6072E3

■ BAC0E3

■ 495EE3

■ D1D4E3

■ 324BE3

■ E8E7E3

■ 1B37E3

■ FEFBE3

■ 0524E3

■ FFFFE3

■ 0020E3

Harmonies

Analogous

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



46A5E5



8D99E3



BF8BCE

Triad

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



8D99E3



DA8A67



3CB08F

Complementary

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



8D99E3



E3D78D

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.



73AB6C



8D99E3



C09755

Square

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



8D99E3



E48187



9DA356



00B1B5

Rectangle

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



8D99E3



D584B8



9DA356



51AF82

Sweetspot

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



8D99E3



E3E7FF



8DE3D6



6F7180



000000



808080

Same Dimension

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



8D99E3



8C9CFF



AB8DE3



676973



0019B3



000733

Inverse Universe

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



E38D99



FF8C9C



C5E38D



736769



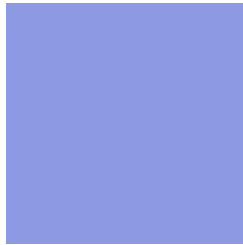
B30019



330007

Previews

White Background



This preview shows how the Hex color 8D99E3 looks on a white background.

Color Contrast Check

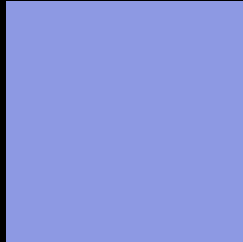
Large Text (above 18pt) WCAG AA × Fail

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 8D99E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

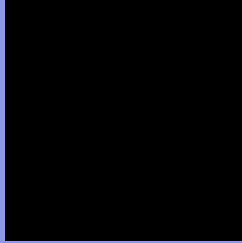
Any Text WCAG AA ✓ Pass

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 8D99E3 Background



This preview shows how black text looks on a background with the Hex color 8D99E3.



This preview shows how white text looks on a background with the Hex color 8D99E3.

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



Original Color
8D99E3

Protanopia
859BE5

Deuteranopia
829CE2

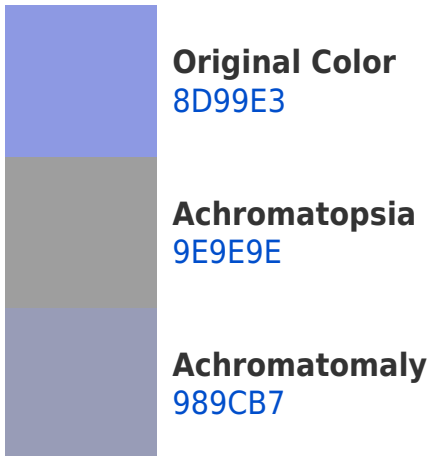


Tritanopia
81A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8D99E3 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 #8D99E3 looks like.

```
.text, #text, p{  
    color:#8D99E3  
}
```

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 #8D99E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D99E3
}
```

Border

The CSS property to change the border of an element to Hex 8D99E3 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
#8D99E3 }
```

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

```
.border{ border-color:#8D99E3 }
```

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

Here you see how a box with a 4 pixel #8D99E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D99E3; -webkit-box-shadow:4px 4px  
4px 4px #8D99E3; box-shadow:4px 4px 4px  
4px #8D99E3 }
```

Background

The CSS property to change the background color of an element to Hex 8D99E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D99E3 }
```

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

```
.background{ background-color:#8D99E3 }
```

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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