

Converting Colors

Hex(9B9ED8)

Have a look what the booklet for
Hex(9B9ED8) contains.

Hex(9B9ED8)	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(9B9ED8)

Conversions

Conversions Part 1

Format	Color
Hex	9B9ED8
RGB	155, 158, 216
RGB Percent	61%, 62%, 85%
CMY	0.3922, 0.3804, 0.1529
CMYK	0.28, 0.27, 0.00, 0.15
HSL	237°, 44%, 73%
HSV	237°, 28%, 85%
XYZ	38.1391, 36.3801, 69.9777
YIQ	163.7150, -20.4060, 17.4020

Conversions

Conversions Part 2

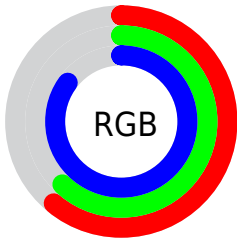
Format	Color
RYB	155, 158, 216
Decimal	10198744
CIELab	66.81, 11.85, -29.82
CIELCh	67, 32.091, 291.679
Yxy	36.3801, 0.2639, 0.2518
Android (android.graphics.Color)	4288388824 (0xFF9B9ED8)
YUV	163.7150, 25.7765, -7.6431
Hunter-Lab	60.3160, 7.3165, -26.5662

Details

The Hex color **9B9ED8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D8D59B**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **D3D5FF**, and **666BA1** is the 20% darker color. If you saturate the color by 10%, you get **8589D8**, and if you desaturate by 10%, it is **B1B3D8**.

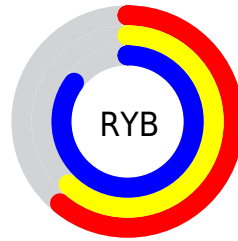
Distribution



Red (61%)

Green (62%)

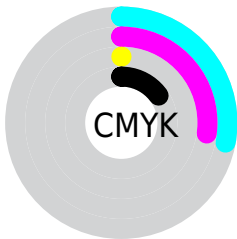
Blue (85%)



Red (61%)

Yellow (62%)

Blue (85%)

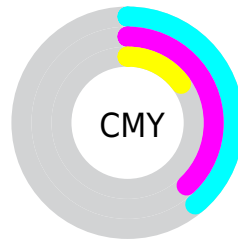


Cyan (28%)

Magenta (27%)

Yellow (0%)

Black (15%)



Cyan (39%)

Magenta (38%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B9ED8 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 9B9ED8 by changing the saturation by 10% instead.

■ 9B9ED8

■ 9B9ED8

FFFFFF

■ 8084BC

■ D3D5FF

■ 666BA1

■ EFF1FF

■ 4D5387

■ 343C6D

■ 1A2654

■ 00123D

■ 000327

■ 000110

■ 000000

 9B9ED8

 9B9ED8

 8589D8

 B1B3D8

 7075D8

 C6C7D8

 5A60D8

 DCDCD8

 454CD8

 F1F0D8

 2F37D8

 FFFFD8

 1923D8

 040ED8

 000BD8

Harmonies

Analogous

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



6EA8DB



9B9ED8



BF94C7

Triad

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



9B9ED8



D39476



5DB299

Complementary

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



9B9ED8



D8D59B

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.



80AE7E



9B9ED8



BE9E69

Square

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



9B9ED8



DC8E8F



A1A76C



41B2B7

Rectangle

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



9B9ED8



D08FB5



A1A76C



68B18F

Sweetspot

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



9B9ED8



EBECFF



9BD8D5



737380



000000



808080

Same Dimension

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



9B9ED8



A8ADFF



B69BD8



60616B



0008AB



00022B

Inverse Universe

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



D89B9E



FFA8AD



BDD89B



6B6061



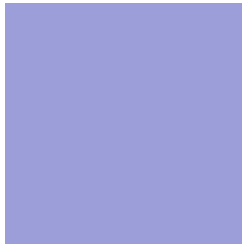
AB0008



2B0002

Previews

White Background



This preview shows how the Hex color 9B9ED8 looks on a white background.

Color Contrast Check

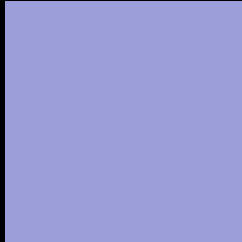
Large Text (above 18pt) WCAG AA × Fail

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 9B9ED8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

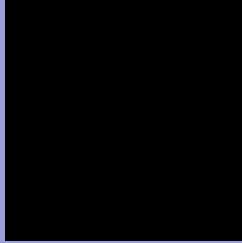
Any Text WCAG AA ✓ Pass

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 9B9ED8 Background



This preview shows how black text looks on a background with the Hex color 9B9ED8.



This preview shows how white text looks on a background with the Hex color 9B9ED8.

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
9B9ED8

Protanopia
92A0DA

Deuteranopia
95A0D8



Tritanopia
93A5B2

Trichromacy



Original Color
9B9ED8

Protanomaly
959FD9

Deuteranomaly
979FD8

Tritanomaly
96A2C0

Monochromacy



Original Color
9B9ED8

Achromatopsia
A4A4A4

Achromatomaly
A1A2B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B9ED8 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 #9B9ED8 looks like.

```
.text, #text, p{  
    color:#9B9ED8  
}
```

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 #9B9ED8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B9ED8
}
```

Border

The CSS property to change the border of an element to Hex 9B9ED8 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
#9B9ED8 }
```

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

```
.border{ border-color:#9B9ED8 }
```

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

Here you see how a box with a 4 pixel #9B9ED8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B9ED8; -webkit-box-shadow:4px 4px  
4px 4px #9B9ED8; box-shadow:4px 4px 4px  
4px #9B9ED8 }
```

Background

The CSS property to change the background color of an element to Hex 9B9ED8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B9ED8 }
```

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

```
.background{ background-color:#9B9ED8 }
```

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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