

Converting Colors

Hex(9C8EB3)

Have a look what the booklet for
Hex(9C8EB3) contains.

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Color

Hex(9C8EB3)

Conversions

Conversions Part 1

Format	Color
Hex	9C8EB3
RGB	156, 142, 179
RGB Percent	61%, 56%, 70%
CMY	0.3882, 0.4431, 0.2980
CMYK	0.13, 0.21, 0.00, 0.30
HSL	263°, 20%, 63%
HSV	263°, 21%, 70%
XYZ	31.5200, 29.6686, 46.7132
YIQ	150.4040, -3.5330, 14.4750

Conversions

Conversions Part 2

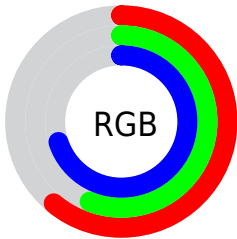
Format	Color
RYB	156, 142, 179
Decimal	10260147
CIELab	61.37, 12.61, -17.45
CIELCh	61, 21.529, 305.848
Yxy	29.6686, 0.2921, 0.2750
Android (android.graphics.Color)	4288450227 (0xFF9C8EB3)
YUV	150.4040, 14.0978, 4.9077
Hunter-Lab	54.4689, 7.9736, -12.7196

Details

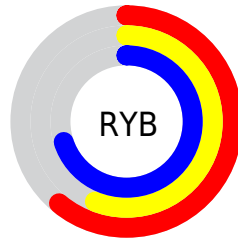
The Hex color **9C8EB3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **A5B38E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **D3C4EB**, and **685C7E** is the 20% darker color. If you saturate the color by 10%, you get **917CB3**, and if you desaturate by 10%, it is **A7A0B3**.

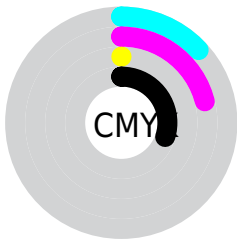
Distribution



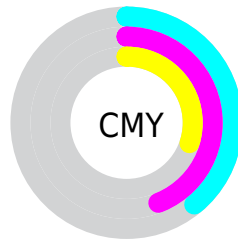
- Red (61%)
- Green (56%)
- Blue (70%)



- Red (61%)
- Yellow (56%)
- Blue (70%)



- Cyan (13%)
- Magenta (21%)
- Yellow (0%)
- Black (30%)



- Cyan (39%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C8EB3 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 9C8EB3 by changing the saturation by 10% instead.



9C8EB3



9C8EB3

FFFFFF



827498



D3C4EB



685C7E



EFE0FF



504465



FFFCFF



392E4D



221936



100021



000006



000000



9C8EB3



9C8EB3

917CB3

A7A0B3

866AB3

B2B2B3

7B58B3

BDC4B3

6F46B3

C9D6B3

6435B3

D4E8B3

5923B3

DFF9B3

4E11B3

EAFFB3

4400B3

F5FFB3

FFFFB3

Harmonies

Analogous

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



8295BA



9C8EB3



B089A4

Triad

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



9C8EB3



B08E72



639F97

Complementary

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



9C8EB3



A5B38E

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.



749E84



9C8EB3



9F946E

Square

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



9C8EB3



BA887F



8A9A75



5D9EAA

Rectangle

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



9C8EB3



B88798



8A9A75



679F91

Sweetspot

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



9C8EB3



DFDAE8



8EA5B3



706D75



F5F5F5



757575

Same Dimension

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



9C8EB3



C4AEE8



AE8EB3



545059



3A0099



0A001A

Inverse Universe

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



B38EA5



E8AED2



93B38E



595056



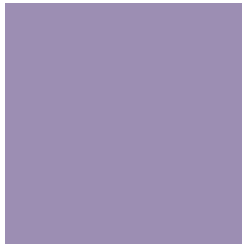
99005F



1A0010

Previews

White Background



This preview shows how the Hex color 9C8EB3 looks on a white background.

Color Contrast Check

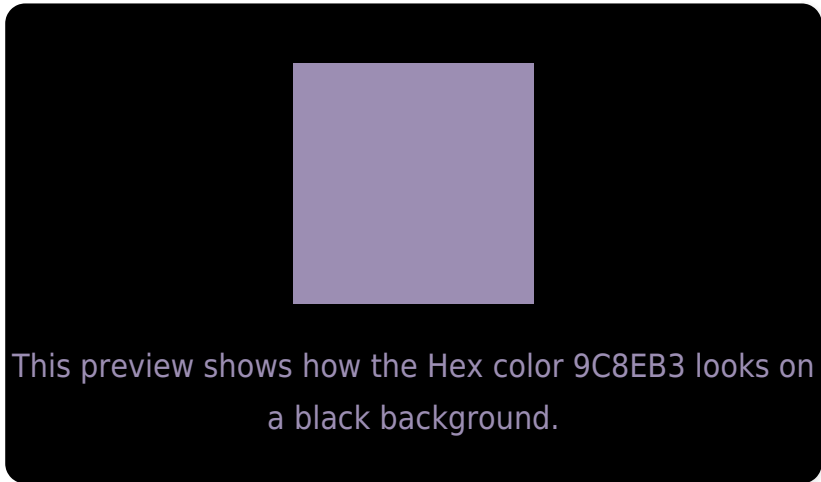
Large Text (above 18pt) WCAG AA ✓ Pass

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

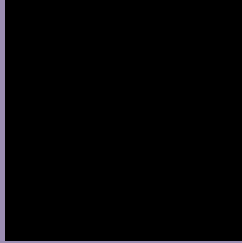
Any Text WCAG AA ✓ Pass

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 9C8EB3 Background



This preview shows how black text looks on a background with the Hex color 9C8EB3.




This preview shows how white text looks on a background with the Hex color 9C8EB3.

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
98929D

Trichromacy



Original Color
9C8EB3

Protanomaly
9291B5

Deuteranomaly
9790B2

Tritanomaly
9991A5

Monochromacy



Original Color
9C8EB3

Achromatopsia
969696

Achromatomaly
9893A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C8EB3 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 #9C8EB3 looks like.

```
.text, #text, p{  
    color:#9C8EB3  
}
```

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 #9C8EB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8EB3
}
```

Border

The CSS property to change the border of an element to Hex 9C8EB3 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
#9C8EB3 }
```

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

```
.border{ border-color:#9C8EB3 }
```

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

Here you see how a box with a 4 pixel #9C8EB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8EB3; -webkit-box-shadow:4px 4px  
4px 4px #9C8EB3; box-shadow:4px 4px 4px  
4px #9C8EB3 }
```

Background

The CSS property to change the background color of an element to Hex 9C8EB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8EB3 }
```

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

```
.background{ background-color:#9C8EB3 }
```

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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