

Converting Colors

Hex(999DBE)

Have a look what the booklet for
Hex(999DBE) contains.

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Color

Hex(999DBE)

Conversions

Conversions Part 1

Format	Color
Hex	999DBE
RGB	153, 157, 190
RGB Percent	60%, 62%, 75%
CMY	0.4000, 0.3843, 0.2549
CMYK	0.19, 0.17, 0.00, 0.25
HSL	234°, 22%, 67%
HSV	234°, 19%, 75%
XYZ	34.4881, 34.6040, 53.5767
YIQ	159.5660, -12.9770, 9.4150

Conversions

Conversions Part 2

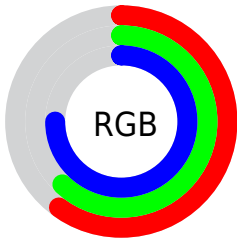
Format	Color
RYB	153, 157, 190
Decimal	10067390
CIELab	65.44, 5.60, -17.48
CIELCh	65, 18.356, 287.748
Yxy	34.6040, 0.2811, 0.2821
Android (android.graphics.Color)	4288257470 (0xFF999DBE)
YUV	159.5660, 15.0040, -5.7584
Hunter-Lab	58.8251, 1.7073, -12.8225

Details

The Hex color **999DBE** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BEBA99**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D0D3F6**, and **656A89** is the 20% darker color. If you saturate the color by 10%, you get **868CBE**, and if you desaturate by 10%, it is **ACAEBE**.

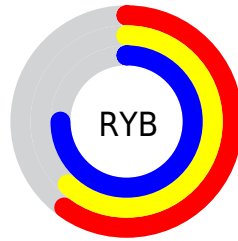
Distribution



Red (60%)

Green (62%)

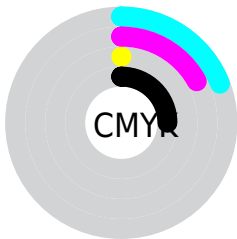
Blue (75%)



Red (60%)

Yellow (62%)

Blue (75%)

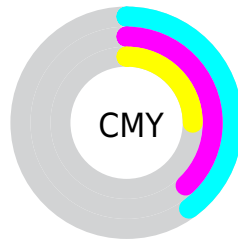


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (25%)



Cyan (40%)

Magenta (38%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 999DBE 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 999DBE by changing the saturation by 10% instead.

■ 999DBE

■ 999DBE

FFFFFF

■ 7F83A3

■ D0D3F6

■ 656A89

■ ECF0FF

■ 4D526F

■ 353B57

■ 1F253F

■ 091029

■ 000114

■ 000000

■ 999DBE

■ 999DBE

868CBE

ACAEBE

737BBE

BFBFBE

606ABE

D2D0BE

4D59BE

E5E1BE

3A48BE

F8F2BE

2737BE

FFFFBE

1426BE

0115BE

0015BE

Harmonies

Analogous

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



84A2BF



999DBE



AE98B5

Triad

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



999DBE



BE9687



7DA897

Complementary

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



999DBE



BEBA99

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.



8EA588



999DBE



B29B7F

Square

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



999DBE



C19496



A1A180



73A8A8

Rectangle

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



999DBE



B895AC



A1A180



83A792

Sweetspot

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



999DBE



E9EAF7



99BEBA



74757D



FCFCFC



7D7D7D

Same Dimension

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



999DBE



BEC5F7



A799BE



55565E



00119E



00031F

Inverse Universe

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



BE999D



F7BEC5



B0BE99



5E5556



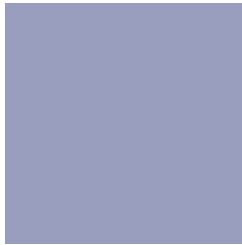
9E0011



1F0003

Previews

White Background



This preview shows how the Hex color 999DBE looks on a white background.

Color Contrast Check

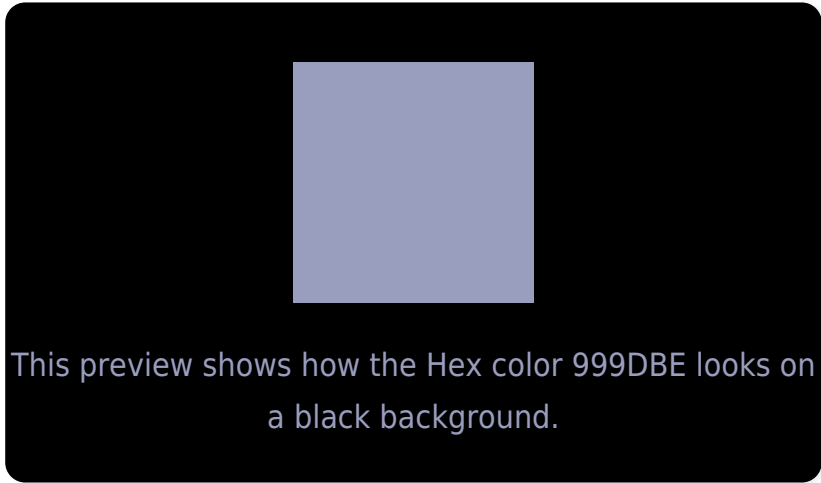
Large Text (above 18pt) WCAG AA × Fail

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

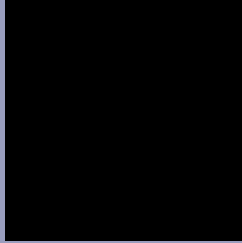
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

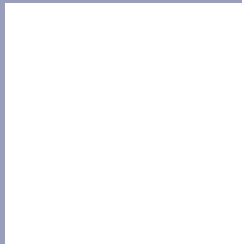
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 999DBE Background



This preview shows how black text looks on a background with the Hex color 999DBE.



This preview shows how white text looks on a background with the Hex color 999DBE.

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
999DBE

Protanopia
989DBE

Deuteranopia
9F9BBE



Tritanopia
96A0AD

Trichromacy



Original Color
999DBE

Protanomaly
989DBE

Deuteranomaly
9D9CBE

Tritanomaly
979FB3

Monochromacy



Original Color
999DBE

Achromatopsia
A0A0A0

Achromatomaly
9D9FAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 999DBE 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 #999DBE looks like.

```
.text, #text, p{  
    color:#999DBE  
}
```

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 #999DBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999DBE
}
```

Border

The CSS property to change the border of an element to Hex 999DBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

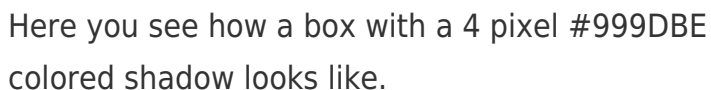
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#999DBE }
```

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

```
.border{ border-color:#999DBE }
```

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



Here you see how a box with a 4 pixel #999DBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999DBE; -webkit-box-shadow:4px 4px  
4px 4px #999DBE; box-shadow:4px 4px 4px  
4px #999DBE }
```

Background

The CSS property to change the background color of an element to Hex 999DBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999DBE }
```

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

```
.background{ background-color:#999DBE }
```

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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