

# Converting Colors

Hex(979DBA)

Have a look what the booklet for  
Hex(979DBA) contains.

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# **Color**

**Hex(979DBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	979DBA
RGB	151, 157, 186
RGB Percent	59%, 62%, 73%
CMY	0.4078, 0.3843, 0.2706
CMYK	0.19, 0.16, 0.00, 0.27
HSL	230°, 20%, 66%
HSV	230°, 19%, 73%
XYZ	33.6824, 34.2384, 51.2878
YIQ	158.5120, -12.8850, 7.7470

# Conversions

## Conversions Part 2

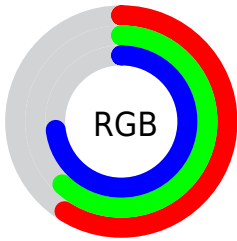
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">151, 156, 186</a>
Decimal	<a href="#">9936314</a>
CIELab	<a href="#">65.15, 4.04, -15.70</a>
CIELCh	<a href="#">65, 16.208, 284.423</a>
Yxy	<a href="#">34.2384, 0.2826, 0.2872</a>
Android (android.graphics.Color)	<a href="#">4288126394 (0xFF979DBA)</a>
YUV	<a href="#">158.5120, 13.5516, -6.5880</a>
Hunter-Lab	<a href="#">58.5136, 0.3518, -11.0088</a>

# Details

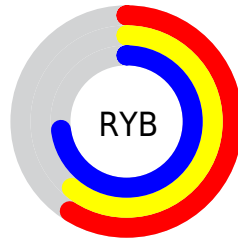
The Hex color **979DBA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BAB497**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CED3F2**, and **646A85** is the 20% darker color. If you saturate the color by 10%, you get **848EBA**, and if you desaturate by 10%, it is **AAACBA**.

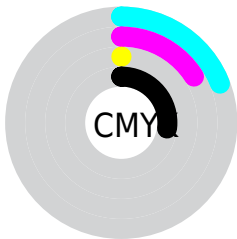
# Distribution



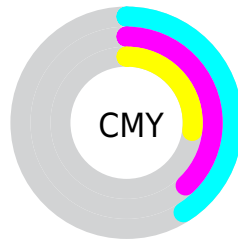
- Red (59%)
- Green (62%)
- Blue (73%)



- Red (59%)
- Yellow (61%)
- Blue (73%)



- Cyan (19%)
- Magenta (16%)
- Yellow (0%)
- Black (27%)



- Cyan (41%)
- Magenta (38%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 979DBA 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 979DBA by changing the saturation by 10% instead.



■ 979DBA

FFFFFF

■ CED3F2

■ EAF0FF

■ 979DBA

■ 7D839F

■ 646A85

■ 4B526C

■ 343B53

■ 1E253C

■ 081026

■ 000111

■ 000000

■ 979DBA

■ 979DBA

848EBA

AAACBA

727EBA

BCBCBA

5F6FBA

CFCBBA

4D5FBA

E1DBBA

3A50BA

F4EABA

2741BA

FFF9BA

1531BA

FFFFBA

0222BA

0020BA

# Harmonies

## Analogous

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



85A2BA



979DBA



A998B3

# Triad

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



979DBA



BA968A



82A696

# Complementary

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



979DBA



BAB497

# 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.



92A389



979DBA



B19B83

# Square

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



979DBA



BD9498



A29F82



79A7A5

# Rectangle

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



979DBA



B396AB



A29F82



87A591



# Sweetspot

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



979DBA



E4E6F2



97BAB4



72737A



FAFAFA



7A7A7A



# Same Dimension

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



979DBA



BBC4F2



A297BA



53545C



001B9C



00051C



# Inverse Universe

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



BA979D



F2BBC4



AFBA97



5C5354



9C001B

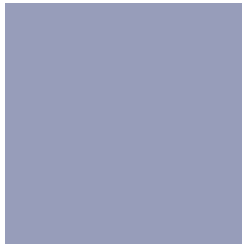


1C0005



# Previews

## White Background



This preview shows how the Hex color 979DBA looks on a white background.

## Color Contrast Check

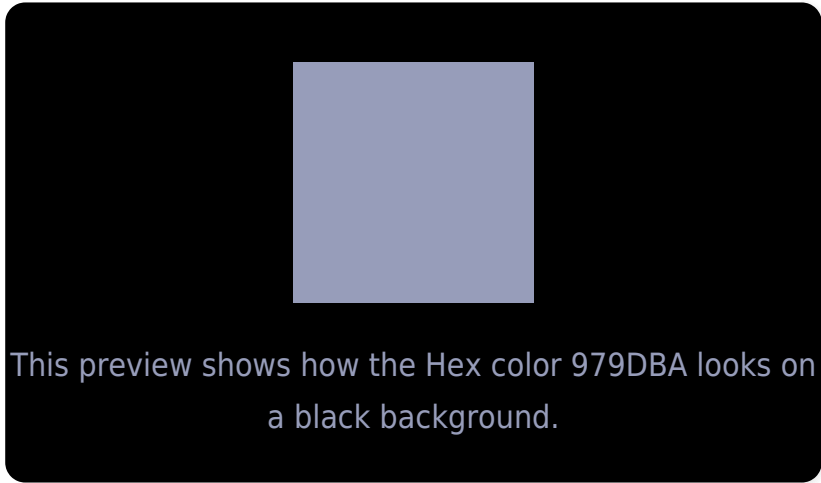
Large Text (above 18pt) WCAG AA × Fail

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

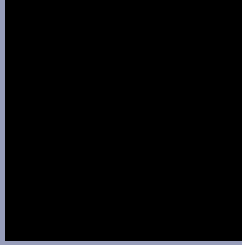
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 979DBA Background



This preview shows how black text looks on a background with the Hex color 979DBA.



This preview shows how white text looks on a background with the Hex color 979DBA.

# 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**  
979DBA

**Protanopia**  
989DBA

**Deuteranopia**  
9F9ABB



# Trichromacy



**Original Color**  
979DBA

**Protanomaly**  
989DBA

**Deuteranomaly**  
9C9BBB

**Tritanomaly**  
959EB1

# Monochromacy



**Original Color**  
979DBA

**Achromatopsia**  
9F9F9F

**Achromatomaly**  
9C9EA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 979DBA 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 #979DBA looks like.

```
.text, #text, p{  
    color:#979DBA  
}
```

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 #979DBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #979DBA
}
```

## Border

The CSS property to change the border of an element to Hex 979DBA 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
#979DBA }
```

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

```
.border{ border-color:#979DBA }
```

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

Here you see how a box with a 4 pixel #979DBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #979DBA; -webkit-box-shadow:4px 4px  
4px 4px #979DBA; box-shadow:4px 4px 4px  
4px #979DBA }
```

# Background

The CSS property to change the background color of an element to Hex 979DBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#979DBA }
```

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

```
.background{ background-color:#979DBA }
```

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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