

Converting Colors

Hex(9A80B4)

Have a look what the booklet for
Hex(9A80B4) contains.

Hex(9A80B4)	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(9A80B4)

Conversions

Conversions Part 1

Format	Color
Hex	9A80B4
RGB	154, 128, 180
RGB Percent	60%, 50%, 71%
CMY	0.3961, 0.4980, 0.2941
CMYK	0.14, 0.29, 0.00, 0.29
HSL	270°, 26%, 60%
HSV	270°, 29%, 71%
XYZ	29.2838, 25.6037, 46.5786
YIQ	141.7020, -1.1960, 21.6840

Conversions

Conversions Part 2

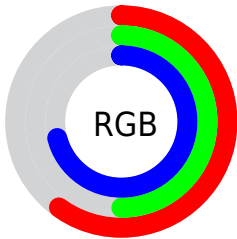
Format	Color
RYB	154, 128, 180
Decimal	10125492
CIELab	57.66, 20.21, -23.70
CIELCh	58, 31.144, 310.451
Yxy	25.6037, 0.2886, 0.2523
Android (android.graphics.Color)	4288315572 (0xFF9A80B4)
YUV	141.7020, 18.8809, 10.7853
Hunter-Lab	50.6001, 14.7534, -19.1579

Details

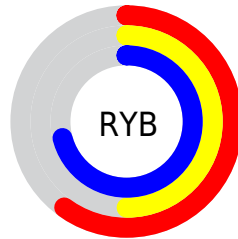
The Hex color **9A80B4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **9AB480**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D1B5EC**, and **664F7F** is the 20% darker color. If you saturate the color by 10%, you get **916EB4**, and if you desaturate by 10%, it is **A392B4**.

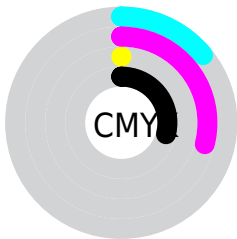
Distribution



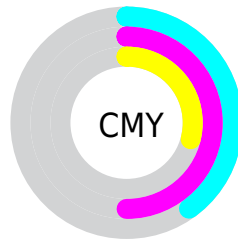
- Red (60%)
- Green (50%)
- Blue (71%)



- Red (60%)
- Yellow (50%)
- Blue (71%)



- Cyan (14%)
- Magenta (29%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A80B4 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 9A80B4 by changing the saturation by 10% instead.



9A80B4



9A80B4

FFFFFF



806799



D1B5EC



664F7F



EDD1FF



4E3766



FFEDFF



36224E



1F0D37



030021



000006



000000



9A80B4



9A80B4

916EB4

A392B4

885CB4

ACA4B4

7F4AB4

B5B6B4

7638B4

BEC8B4

6D26B4

C7DAB4

6414B4

D0ECB4

5B02B4

D9FEB4

5A00B4

E2FFB4

EBFFB4

Harmonies

Analogous

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



738AC0



9A80B4



B4789D

Triad

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



9A80B4



AC8358



309993

Complementary

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



9A80B4



9AB480

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.



549877



9A80B4



938C54

Square

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



9A80B4



BC7A68



759360



2197AD

Rectangle

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



9A80B4



BE768B



759360



3C998A

Sweetspot

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



9A80B4



E0D5EB



809AB4



6F6875



F5F5F5



757575

Same Dimension

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



9A80B4



C298EB



B480B4



555059



4D0099



0D001A

Inverse Universe

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



B4809A



EB98C2



80B480



595055



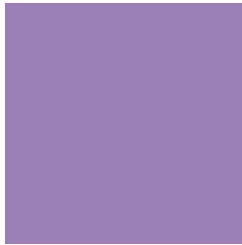
99004D



1A000D

Previews

White Background



This preview shows how the Hex color 9A80B4 looks on a white background.

Color Contrast Check

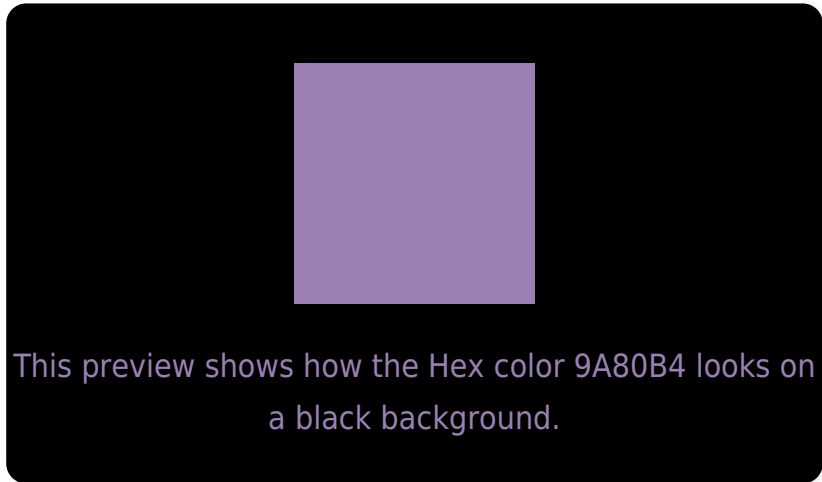
Large Text (above 18pt) WCAG AA ✓ Pass

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

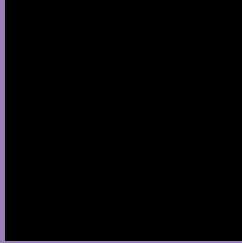
Any Text WCAG AA ✓ Pass

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 9A80B4 Background



This preview shows how black text looks on a background with the Hex color 9A80B4.



This preview shows how white text looks on a background with the Hex color 9A80B4.

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
948791

Trichromacy



Original Color
9A80B4

Protanomaly
8786B8

Deuteranomaly
8B85B3

Tritanomaly
96849E

Monochromacy



Original Color
9A80B4

Achromatopsia
8E8E8E

Achromatomaly
92899C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A80B4 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 #9A80B4 looks like.

```
.text, #text, p{  
    color:#9A80B4  
}
```

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 #9A80B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A80B4
}
```

Border

The CSS property to change the border of an element to Hex 9A80B4 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
#9A80B4 }
```

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

```
.border{ border-color:#9A80B4 }
```

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

Here you see how a box with a 4 pixel #9A80B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A80B4; -webkit-box-shadow:4px 4px  
4px 4px #9A80B4; box-shadow:4px 4px 4px  
4px #9A80B4 }
```

Background

The CSS property to change the background color of an element to Hex 9A80B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A80B4 }
```

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

```
.background{ background-color:#9A80B4 }
```

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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