

Converting Colors

Hex(9870BB)

Have a look what the booklet for
Hex(9870BB) contains.

Hex(9870BB)	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(9870BB)

Conversions

Conversions Part 1

Format	Color
Hex	9870BB
RGB	152, 112, 187
RGB Percent	60%, 44%, 73%
CMY	0.4039, 0.5608, 0.2667
CMYK	0.19, 0.40, 0.00, 0.27
HSL	272°, 36%, 59%
HSV	272°, 40%, 73%
XYZ	27.7127, 21.8516, 49.7709
YIQ	132.5100, -0.2350, 31.8050

Conversions

Conversions Part 2

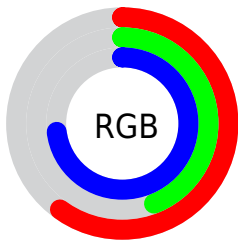
Format	Color
R_{YB}	152, 112, 187
Decimal	9990331
CIE _{Lab}	53.87, 30.39, -33.60
CIE _{LCh}	54, 45.305, 312.129
Yxy	21.8516, 0.2790, 0.2200
Android (android.graphics.Color)	4288180411 (0xFF9870BB)
YUV	132.5100, 26.8636, 17.0927
Hunter-Lab	46.7457, 24.0169, -30.4050

Details

The Hex color **9870BB** is a light color, and the websafe version is hex **996699**. A complement of this color would be **93BB70**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **CFA4F3**, and **633F85** is the 20% darker color. If you saturate the color by 10%, you get **8F5DBB**, and if you desaturate by 10%, it is **A183BB**.

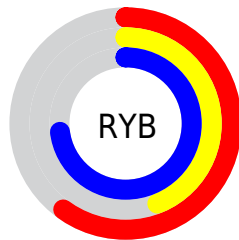
Distribution



Red (60%)

Green (44%)

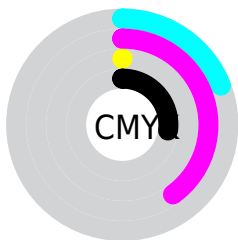
Blue (73%)



Red (60%)

Yellow (44%)

Blue (73%)

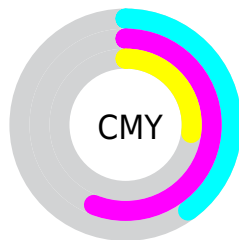


Cyan (19%)

Magenta (40%)

Yellow (0%)

Black (27%)



Cyan (40%)

Magenta (56%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9870BB 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 9870BB by changing the saturation by 10% instead.

9870BB

9870BB

FFFFFF

7D57A0

CFA4F3

633F85

ECC0FF

4A286C

FFDCFF

311153

FFF8FF

1B003C

000025

00010E

000000

9870BB

9870BB

8F5DBB

A183BB

874BBB

A995BB

7E38BB

B2A8BB

7525BB

BBBBBB

6C12BB

C4CDBB

6400BB

CCE0BB

D5F3BB

DEFFBB

E7FFBB

Harmonies

Analogous

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



5980CD



9870BB



BC629A

Triad

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



9870BB



AA7635



009490

Complementary

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



9870BB



93BB70

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.



109367



9870BB



888430

Square

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



9870BB



C2684E



5D8D44



0092B4

Rectangle

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



9870BB



C85E80



5D8D44



009482

Sweetspot

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



9870BB



E5D5F2



7093BB



72697A



FAFAFA



7A7A7A

Same Dimension

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



9870BB



BC7EF2



BB70B9



5A555E



54009E



10001F

Inverse Universe

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



BB7093



F27EB4



70BB72



5E5559



9E004A



1F000E

Previews

White Background



This preview shows how the Hex color 9870BB looks on a white background.

Color Contrast Check

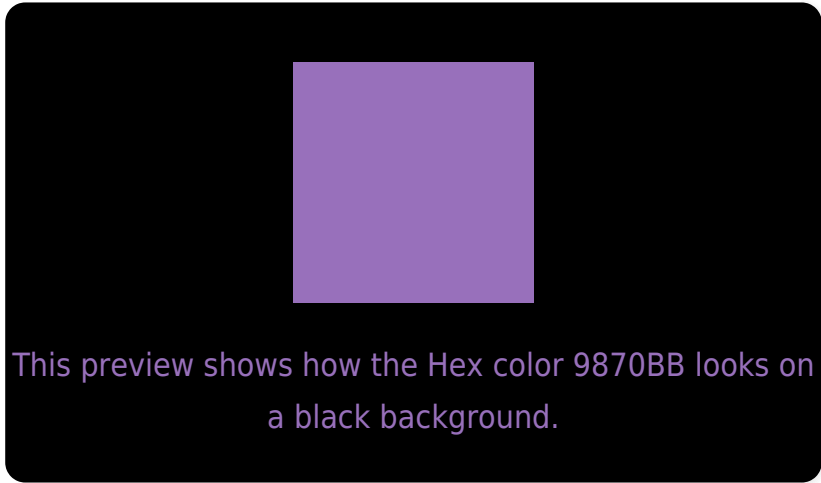
Large Text (above 18pt) WCAG AA ✓ Pass

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 9870BB Background



This preview shows how black text looks on a background with the Hex color 9870BB.

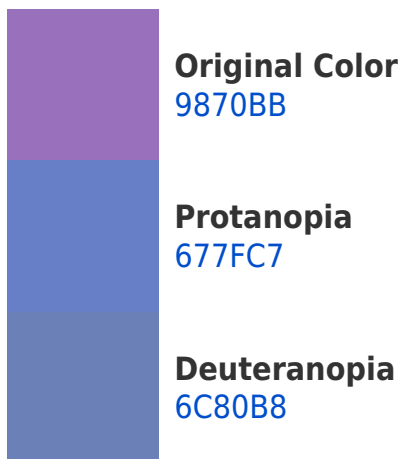


This preview shows how white text looks on a background with the Hex color 9870BB.

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
8F7C85

Trichromacy



Original Color
9870BB

Protanomaly
797AC3

Deuteranomaly
7C7AB9

Tritanomaly
927899

Monochromacy



Original Color
9870BB

Achromatopsia
858585

Achromatomaly
8C7D99

CSS Examples

Text

The CSS property to change the color of the text to Hex 9870BB 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 #9870BB looks like.

```
.text, #text, p{  
    color:#9870BB  
}
```

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 #9870BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9870BB
}
```

Border

The CSS property to change the border of an element to Hex 9870BB is called "border". The border property can be set on classes, ids or directly on the HTML element.

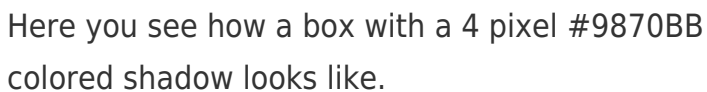
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9870BB }
```

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

```
.border{ border-color:#9870BB }
```

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



Here you see how a box with a 4 pixel #9870BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9870BB; -webkit-box-shadow:4px 4px  
4px 4px #9870BB; box-shadow:4px 4px 4px  
4px #9870BB }
```

Background

The CSS property to change the background color of an element to Hex 9870BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9870BB }
```

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

```
.background{ background-color:#9870BB }
```

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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