

Converting Colors

Hex(980AB1)

Have a look what the booklet for
Hex(980AB1) contains.

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Color

Hex(980AB1)

Conversions

Conversions Part 1

Format	Color
Hex	980AB1
RGB	152, 10, 177
RGB Percent	60%, 4%, 69%
CMY	0.4039, 0.9608, 0.3059
CMYK	0.14, 0.94, 0.00, 0.31
HSL	291°, 89%, 37%
HSV	291°, 94%, 69%
XYZ	20.9932, 10.0668, 42.4316
YIQ	71.4960, 31.0250, 82.0410

Conversions

Conversions Part 2

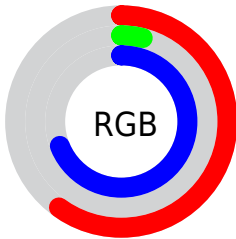
Format	Color
R_{YB}	152, 10, 177
Decimal	9964209
CIE _{Lab}	37.96, 69.64, -53.05
CIE _{LCh}	38, 87.546, 322.704
Yxy	10.0668, 0.2857, 0.1370
Android (android.graphics.Color)	4288154289 (0xFF980AB1)
YUV	71.4960, 52.0135, 70.6020
Hunter-Lab	31.7282, 62.5816, -57.0814

Details

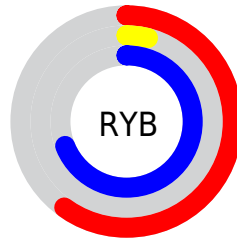
The Hex color **980AB1** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **23B10A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D254EA**, and **5F007B** is the 20% darker color. If you saturate the color by 10%, you get **9700B1**, and if you desaturate by 10%, it is **9B1CB1**.

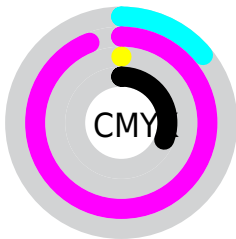
Distribution



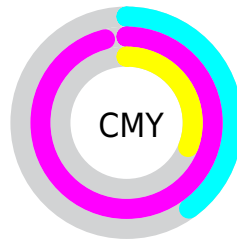
- Red (60%)
- Green (4%)
- Blue (69%)



- Red (60%)
- Yellow (4%)
- Blue (69%)



- Cyan (14%)
- Magenta (94%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (96%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 980AB1 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 980AB1 by changing the saturation by 10% instead.

 980AB1

 980AB1

FFFFFF

 7C0096

 D254EA

 5F007B

 F070FF

 430062

 FF8DFF

 2A0049

 FFA9FF

 000031

 FFC6FF

 00011B

 FFE4FF

 000000

 980AB1

 980AB1

 9700B1

 9B1CB1

 9D2DB1

 A03FB1

 A351B1

 A562B1

 A874B1

 AB86B1

 AD98B1

 B0A9B1

Harmonies

Analogous

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



0050E0



980AB1



C7006E

Triad

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



980AB1



7C5100



00748F

Complementary

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



980AB1



23B10A

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.



007245



980AB1



376500

Square

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



980AB1



AD2300



006E00



0073CC

Rectangle

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



980AB1



CD0040



006E00



007477

Sweetspot

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



980AB1



DCA5E6



0A23B1



6D4C73



F2F2F2



737373

Same Dimension

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



980AB1



C300E6



B10A77



585059



820099



16001A

Inverse Universe

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



B10A23



E60022



0AB144



595052



990017



1A0004

Previews

White Background



This preview shows how the Hex color 980AB1 looks on a white background.

Color Contrast Check

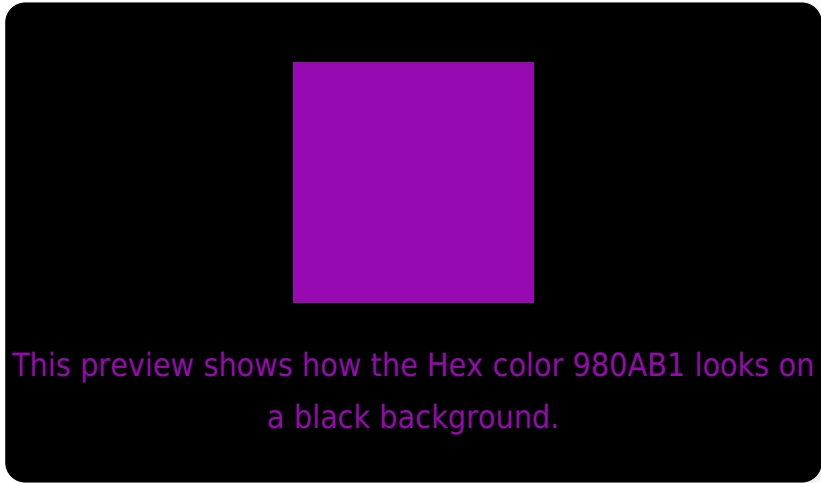
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

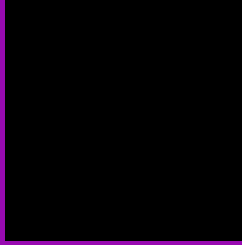
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 980AB1 Background



This preview shows how black text looks on a background with the Hex color 980AB1.

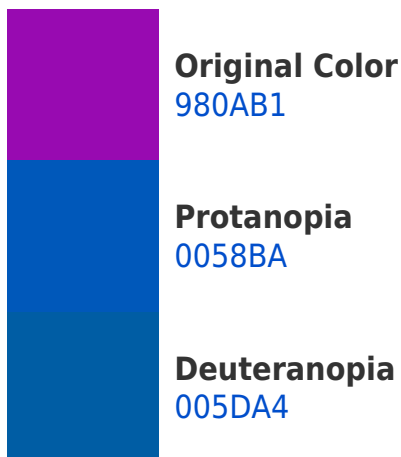


This preview shows how white text looks on a background with the Hex color 980AB1.

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
8B464B

Trichromacy



Original Color
980AB1



Protanomaly
373CB7



Deuteranomaly
373FA9



Tritanomaly
903070

Monochromacy



Original Color
980AB1



Achromatopsia
474747



Achromatomaly
64316E

CSS Examples

Text

The CSS property to change the color of the text to Hex 980AB1 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 #980AB1 looks like.

```
.text, #text, p{  
    color:#980AB1  
}
```

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 #980AB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #980AB1
}
```

Border

The CSS property to change the border of an element to Hex 980AB1 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
#980AB1 }
```

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

```
.border{ border-color:#980AB1 }
```

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

Here you see how a box with a 4 pixel #980AB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #980AB1; -webkit-box-shadow:4px 4px  
4px 4px #980AB1; box-shadow:4px 4px 4px  
4px #980AB1 }
```

Background

The CSS property to change the background color of an element to Hex 980AB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#980AB1 }
```

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

```
.background{ background-color:#980AB1 }
```

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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