

Converting Colors

Hex(981CA7)

Have a look what the booklet for
Hex(981CA7) contains.

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Color

Hex(981CA7)

Conversions

Conversions Part 1

Format	Color
Hex	981CA7
RGB	152, 28, 167
RGB Percent	60%, 11%, 65%
CMY	0.4039, 0.8902, 0.3451
CMYK	0.09, 0.83, 0.00, 0.35
HSL	294°, 71%, 38%
HSV	294°, 83%, 65%
XYZ	20.3392, 10.2959, 37.4745
YIQ	80.9220, 29.2850, 69.5170

Conversions

Conversions Part 2

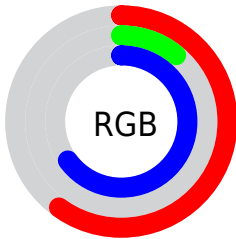
Format	Color
RYB	152, 28, 167
Decimal	9968807
CIELab	38.37, 64.72, -46.42
CIELCh	38, 79.647, 324.350
Yxy	10.2959, 0.2986, 0.1512
Android (android.graphics.Color)	4288158887 (0xFF981CA7)
YUV	80.9220, 42.4365, 62.3354
Hunter-Lab	32.0873, 56.9933, -46.7834

Details

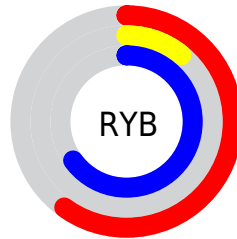
The Hex color **981CA7** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **2BA71C**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **D25ADF**, and **600072** is the 20% darker color. If you saturate the color by 10%, you get **960BA7**, and if you desaturate by 10%, it is **9A2DA7**.

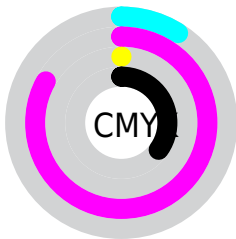
Distribution



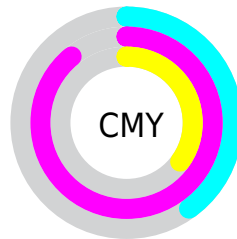
- Red (60%)
- Green (11%)
- Blue (65%)



- Red (60%)
- Yellow (11%)
- Blue (65%)



- Cyan (9%)
- Magenta (83%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (89%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 981CA7 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 981CA7 by changing the saturation by 10% instead.

981CA7

981CA7

FFFFFF

7C008C

D25ADF

600072

EF76FC

450059

FF92FF

2C0041

FFAFFF

03002A

FFCCFF

000113

FFE9FF

000000

981CA7

981CA7

960BA7

9A2DA7

9500A7

9C3DA7

9D4EA7

9F5FA7

A16FA7

A380A7

A591A7

A6A2A7

A8B2A7

Harmonies

Analogous

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



004FD3



981CA7



C1006A

Triad

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



981CA7



795400



00748E

Complementary

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



981CA7



2BA71C

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.



00724C



981CA7



3B6600

Square

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



981CA7



A73000



006F00



0072C4

Rectangle

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



981CA7



C5003F



006F00



007379

Sweetspot

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



981CA7



D3A3D9



1C2CA7



6A4D6E



EDEDED



6E6E6E

Same Dimension

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



981CA7



C100D9



A71C72



534C54



840094



120014

Inverse Universe

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



A71C2B



D90017



1CA751



544C4D



940010



140002

Previews

White Background



This preview shows how the Hex color 981CA7 looks on a white background.

Color Contrast Check

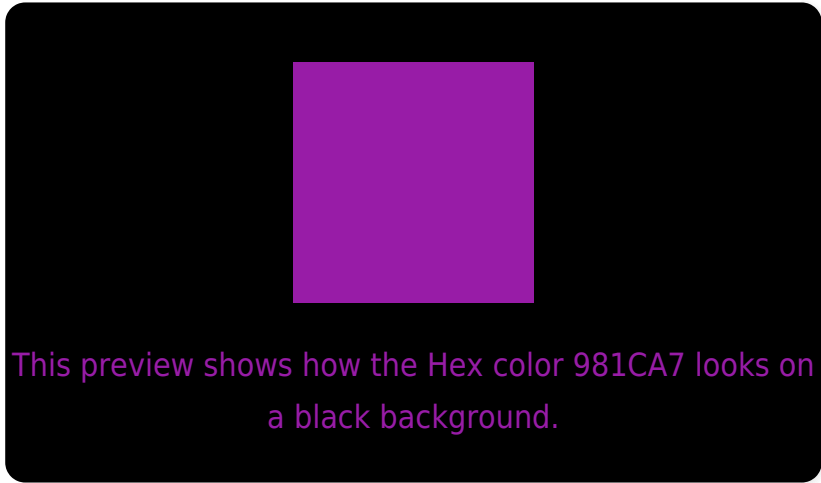
Large Text (above 18pt) WCAG AA ✓ Pass

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

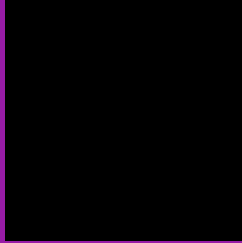
Any Text WCAG AA × Fail

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 981CA7 Background



This preview shows how black text looks on a background with the Hex color 981CA7.

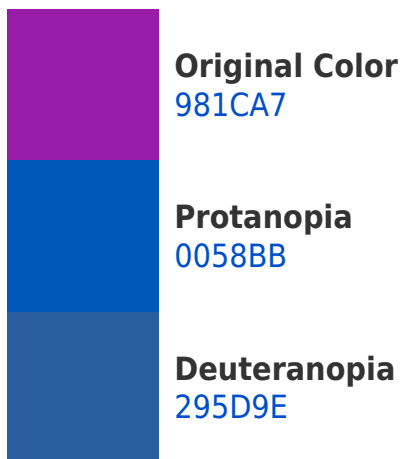



This preview shows how white text looks on a background with the Hex color 981CA7.

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](#).

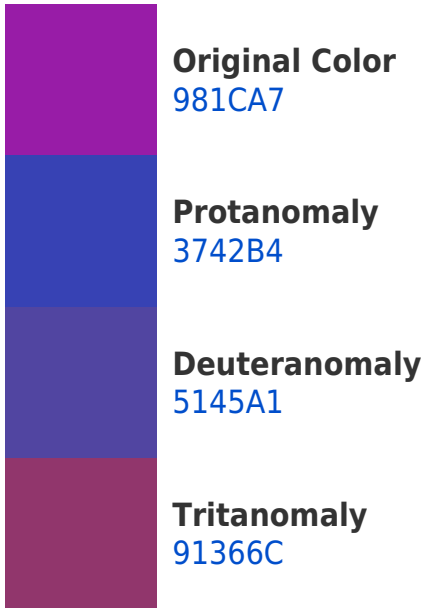
Dichromacy



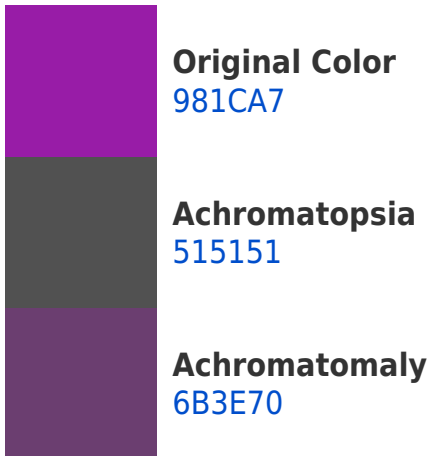


Tritanopia
8D454A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 981CA7 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 #981CA7 looks like.

```
.text, #text, p{  
    color:#981CA7  
}
```

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 #981CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #981CA7
}
```

Border

The CSS property to change the border of an element to Hex 981CA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

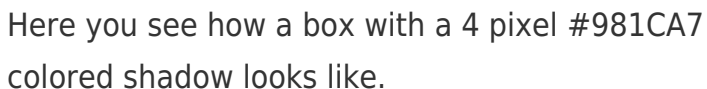
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#981CA7 }
```

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

```
.border{ border-color:#981CA7 }
```

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



Here you see how a box with a 4 pixel #981CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #981CA7; -webkit-box-shadow:4px 4px  
4px 4px #981CA7; box-shadow:4px 4px 4px  
4px #981CA7 }
```

Background

The CSS property to change the background color of an element to Hex 981CA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#981CA7 }
```

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

```
.background{ background-color:#981CA7 }
```

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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