

Converting Colors

Hex(9471A8)

Have a look what the booklet for
Hex(9471A8) contains.

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Color

Hex(9471A8)

Conversions

Conversions Part 1

Format	Color
Hex	9471A8
RGB	148, 113, 168
RGB Percent	58%, 44%, 66%
CMY	0.4196, 0.5569, 0.3412
CMYK	0.12, 0.33, 0.00, 0.34
HSL	278°, 24%, 55%
HSV	278°, 33%, 66%
XYZ	25.1858, 20.9333, 39.7589
YIQ	129.7350, 3.2050, 24.5250

Conversions

Conversions Part 2

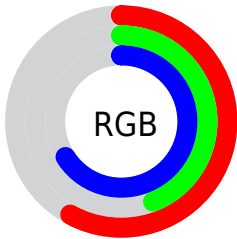
Format	Color
R_{YB}	148, 113, 168
Decimal	9728424
CIE _{Lab}	52.88, 24.27, -24.20
CIE _{LCh}	53, 34.272, 315.084
Yxy	20.9333, 0.2933, 0.2438
Android (android.graphics.Color)	4287918504 (0xFF9471A8)
YUV	129.7350, 18.8646, 16.0184
Hunter-Lab	45.7529, 18.1918, -19.4954

Details

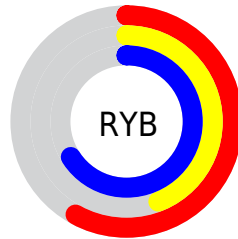
The Hex color **9471A8** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **85A871**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CBA5DF**, and **604074** is the 20% darker color. If you saturate the color by 10%, you get **8E60A8**, and if you desaturate by 10%, it is **9A82A8**.

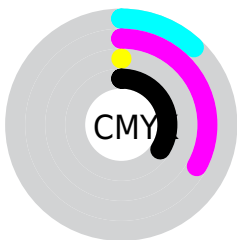
Distribution



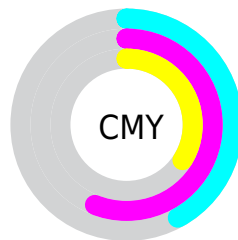
- Red (58%)
- Green (44%)
- Blue (66%)



- Red (58%)
- Yellow (44%)
- Blue (66%)



- Cyan (12%)
- Magenta (33%)
- Yellow (0%)
- Black (34%)



- Cyan (42%)
- Magenta (56%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9471A8 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 9471A8 by changing the saturation by 10% instead.

9471A8

9471A8

FFFFFF

7A588D

CBA5DF

604074

E7C0FC

482A5B

FFDCFF

301443

FFF9FF

1C002D

000117

000000

9471A8

9471A8

8E60A8

9A82A8

 884FA8

 A093A8

 823FA8

 A6A3A8

 7C2EA8

 ACB4A8

 751DA8

 B3C5A8

 6F0CA8

 B9D6A8

 6B00A8

 BFE7A8

 C5F7A8

 CBFFA8

Harmonies

Analogous

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



6A7CB7



9471A8



AE688E

Triad

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



9471A8



9E7745



008E8D

Complementary

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



9471A8



85A871

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.



398D6E



9471A8



828144

Square

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



9471A8



B06D56



618953



008BA7

Rectangle

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



9471A8



B6667A



618953



088E82

Sweetspot

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



9471A8



D3C5DB



7185A8



69606E



EDEDED



6E6E6E

Same Dimension

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



9471A8



BC86DB



A871A1



514C54



5E0094



0D0014

Inverse Universe

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



A87185



DB86A5



71A878



544C4F



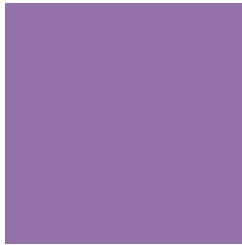
940036



140007

Previews

White Background



This preview shows how the Hex color 9471A8 looks on a white background.

Color Contrast Check

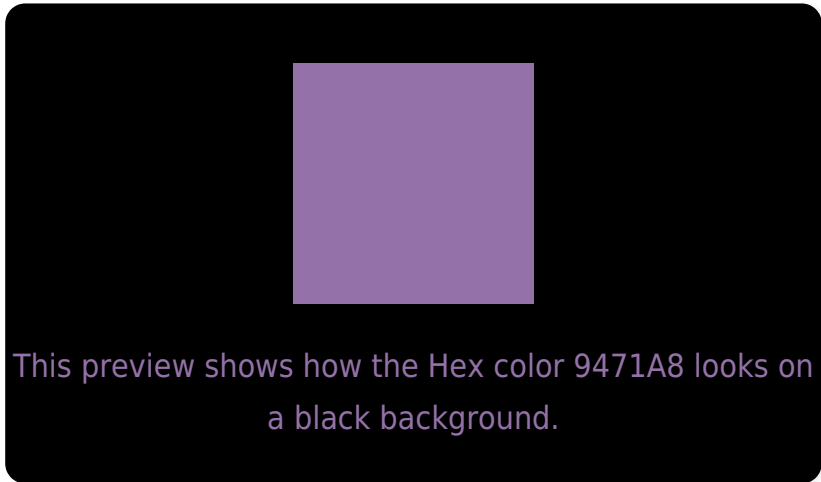
Large Text (above 18pt) WCAG AA ✓ Pass

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

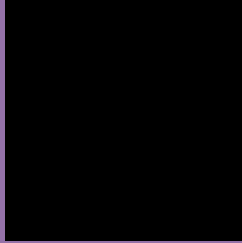
Any Text WCAG AA ✓ Pass

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 9471A8 Background



This preview shows how black text looks on a background with the Hex color 9471A8.

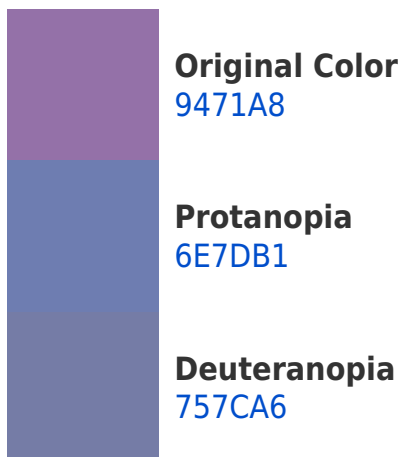


This preview shows how white text looks on a background with the Hex color 9471A8.

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
8E7982

Trichromacy



Original Color
9471A8

Protanomaly
7C79AE

Deuteranomaly
8078A7

Tritanomaly
907690

Monochromacy



Original Color
9471A8

Achromatopsia
828282

Achromatomaly
897C90

CSS Examples

Text

The CSS property to change the color of the text to Hex 9471A8 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 #9471A8 looks like.

```
.text, #text, p{  
    color:#9471A8  
}
```

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 #9471A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9471A8
}
```

Border

The CSS property to change the border of an element to Hex 9471A8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

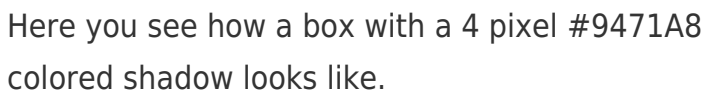
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9471A8 }
```

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

```
.border{ border-color:#9471A8 }
```

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



Here you see how a box with a 4 pixel #9471A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9471A8; -webkit-box-shadow:4px 4px  
4px 4px #9471A8; box-shadow:4px 4px 4px  
4px #9471A8 }
```

Background

The CSS property to change the background color of an element to Hex 9471A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9471A8 }
```

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

```
.background{ background-color:#9471A8 }
```

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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