

Converting Colors

Hex(9471B0)

Have a look what the booklet for
Hex(9471B0) contains.

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Color

Hex(9471B0)

Conversions

Conversions Part 1

Format	Color
Hex	9471B0
RGB	148, 113, 176
RGB Percent	58%, 44%, 69%
CMY	0.4196, 0.5569, 0.3098
CMYK	0.16, 0.36, 0.00, 0.31
HSL	273°, 29%, 57%
HSV	273°, 36%, 69%
XYZ	25.9543, 21.2407, 43.8062
YIQ	130.6470, 0.6370, 27.0130

Conversions

Conversions Part 2

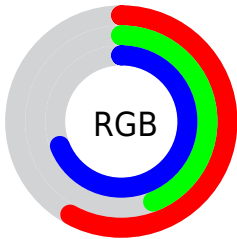
Format	Color
RYB	148, 113, 176
Decimal	9728432
CIELab	53.21, 26.06, -28.32
CIELCh	53, 38.480, 312.622
Yxy	21.2407, 0.2852, 0.2334
Android (android.graphics.Color)	4287918512 (0xFF9471B0)
YUV	130.6470, 22.3590, 15.2186
Hunter-Lab	46.0877, 19.8691, -24.0936

Details

The Hex color **9471B0** is a light color, and the websafe version is hex **996699**. A complement of this color would be **8DB071**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CBA5E8**, and **60407B** is the 20% darker color. If you saturate the color by 10%, you get **8C5FB0**, and if you desaturate by 10%, it is **9C83B0**.

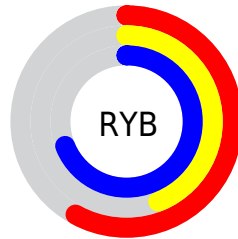
Distribution



Red (58%)

Green (44%)

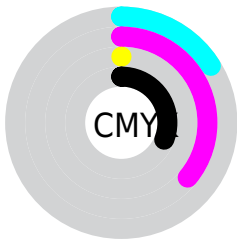
Blue (69%)



Red (58%)

Yellow (44%)

Blue (69%)

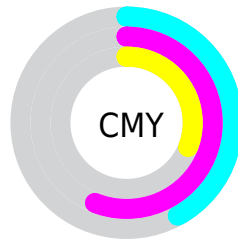


Cyan (16%)

Magenta (36%)

Yellow (0%)

Black (31%)



Cyan (42%)

Magenta (56%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9471B0 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 9471B0 by changing the saturation by 10% instead.

9471B0

9471B0

FFFFFF

7A5895

CBA5E8

60407B

E7C1FF

472A62

FFDDFF

2F144A

FFF9FF

1A0033

00021D

000000

9471B0

9471B0

8C5FB0

9C83B0

844EB0

A494B0

7D3CB0

ABA6B0

752BB0

B3B7B0

6D19B0

BBC9B0

6507B0

C3DBB0

6200B0

CBECB0

D3FEB0

DAFFB0

Harmonies

Analogous

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



627EC0



9471B0



B36694

Triad

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



9471B0



A3763F



00908C

Complementary

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



9471B0



8DB071

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.



308F6A



9471B0



86823C

Square

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



9471B0



B86B54



618A4D



008EAB

Rectangle

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



9471B0



BC647D



618A4D



009081

Sweetspot

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



9471B0



DACCE6



718DB0



6C6473



F2F2F2



737373

Same Dimension

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



9471B0



BA83E6



B071AD



555059



550099



0E001A

Inverse Universe

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



B0718D



E683AF



71B074



595054



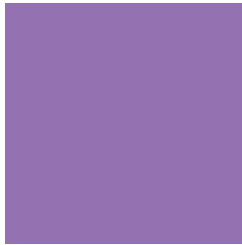
990044



1A000B

Previews

White Background



This preview shows how the Hex color 9471B0 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

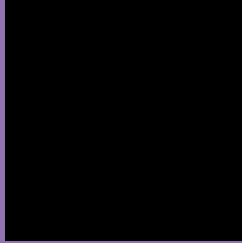
Any Text WCAG AA ✓ Pass

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 9471B0 Background



This preview shows how black text looks on a background with the Hex color 9471B0.

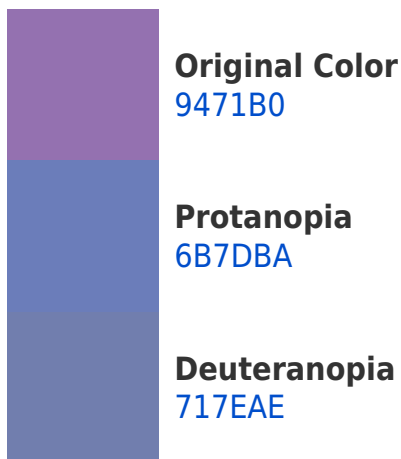



This preview shows how white text looks on a background with the Hex color 9471B0.

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
8D7A84

Trichromacy



Original Color
9471B0

Protanomaly
7A79B6

Deuteranomaly
7E79AF

Tritanomaly
907794

Monochromacy



Original Color
9471B0

Achromatopsia
838383

Achromatomaly
897C93

CSS Examples

Text

The CSS property to change the color of the text to Hex 9471B0 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 #9471B0 looks like.

```
.text, #text, p{  
    color:#9471B0  
}
```

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 #9471B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9471B0
}
```

Border

The CSS property to change the border of an element to Hex 9471B0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

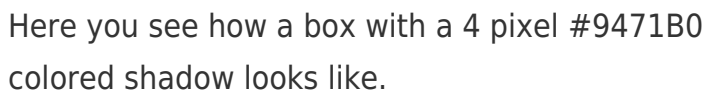
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9471B0 }
```

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

```
.border{ border-color:#9471B0 }
```

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



Here you see how a box with a 4 pixel #9471B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9471B0; -webkit-box-shadow:4px 4px  
4px 4px #9471B0; box-shadow:4px 4px 4px  
4px #9471B0 }
```

Background

The CSS property to change the background color of an element to Hex 9471B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9471B0 }
```

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

```
.background{ background-color:#9471B0 }
```

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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