

Converting Colors

Hex(9476A8)

Have a look what the booklet for
Hex(9476A8) contains.

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Color

Hex(9476A8)

Conversions

Conversions Part 1

Format	Color
Hex	9476A8
RGB	148, 118, 168
RGB Percent	58%, 46%, 66%
CMY	0.4196, 0.5373, 0.3412
CMYK	0.12, 0.30, 0.00, 0.34
HSL	276°, 22%, 56%
HSV	276°, 30%, 66%
XYZ	25.7591, 22.0799, 39.9500
YIQ	132.6700, 1.8300, 21.9100

Conversions

Conversions Part 2

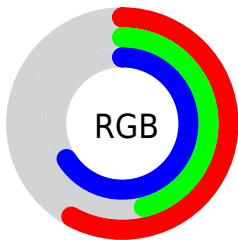
Format	Color
R_{YB}	148, 118, 168
Decimal	9729704
CIE _{Lab}	54.11, 21.36, -22.30
CIE _{LCh}	54, 30.880, 313.774
Yxy	22.0799, 0.2934, 0.2515
Android (android.graphics.Color)	4287919784 (0xFF9476A8)
YUV	132.6700, 17.4177, 13.4444
Hunter-Lab	46.9893, 15.6207, -17.5155

Details

The Hex color **9476A8** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **8AA876**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **CBAADF**, and **614574** is the 20% darker color. If you saturate the color by 10%, you get **8D65A8**, and if you desaturate by 10%, it is **9B87A8**.

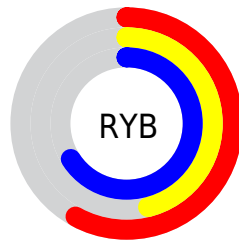
Distribution



Red (58%)

Green (46%)

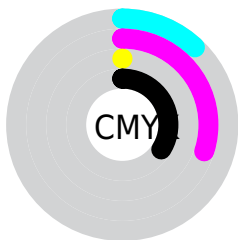
Blue (66%)



Red (58%)

Yellow (46%)

Blue (66%)

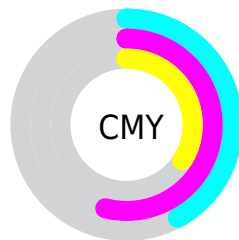


Cyan (12%)

Magenta (30%)

Yellow (0%)

Black (34%)



Cyan (42%)

Magenta (54%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9476A8 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 9476A8 by changing the saturation by 10% instead.

■ 9476A8

■ 9476A8

FFFFFF

■ 7A5D8D

■ CBAADF

■ 614574

■ E7C6FC

■ 482F5B

■ FFE2FF

■ 311943

■ 1C012D

■ 000118

■ 000000

■ 9476A8

■ 9476A8

■ 8D65A8

■ 9B87A8

8754A8

A198A8

8044A8

A8A8A8

7933A8

AFB9A8

7222A8

B6CAA8

6C11A8

BCDBA8

6500A8

C3ECA8

CAFCA8

D0FFA8

Harmonies

Analogous

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



6F80B5



9476A8



AC6E91

Triad

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



9476A8



9F7B4E



20908D

Complementary

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



9476A8



8AA876

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.



478F72



9476A8



87844D

Square

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



9476A8



B0725E



698B5A



118EA5

Rectangle

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



9476A8



B46D7F



698B5A



2E9084

Sweetspot

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



9476A8



D3C8DB



768AA8



69626E



EDEDED



6E6E6E

Same Dimension

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



9476A8



BC8CDB



A876A3



514C54



590094



0C0014

Inverse Universe

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



A8768A



DB8CAC



76A87B



544C4F



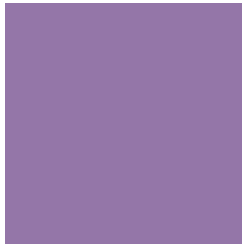
94003B



140008

Previews

White Background



This preview shows how the Hex color 9476A8 looks on a white background.

Color Contrast Check

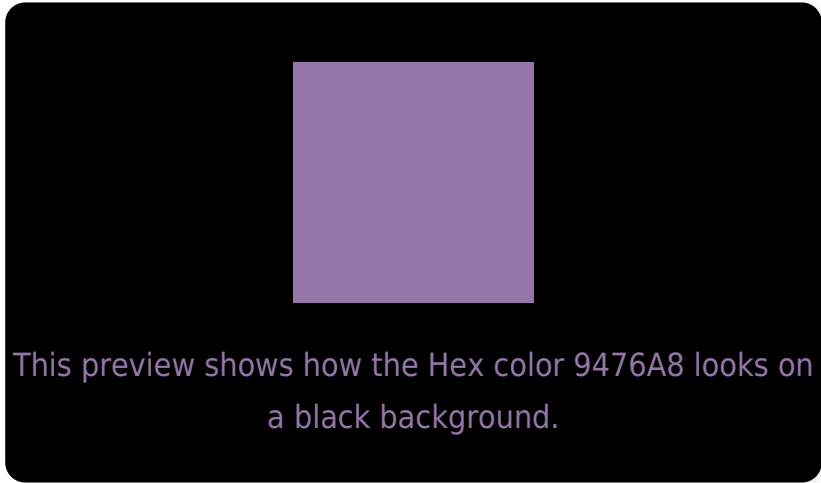
Large Text (above 18pt) WCAG AA ✓ Pass

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

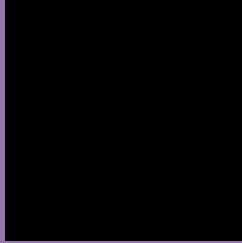
Any Text WCAG AA ✓ Pass

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 9476A8 Background



This preview shows how black text looks on a background with the Hex color 9476A8.



This preview shows how white text looks on a background with the Hex color 9476A8.

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



Original Color
9476A8

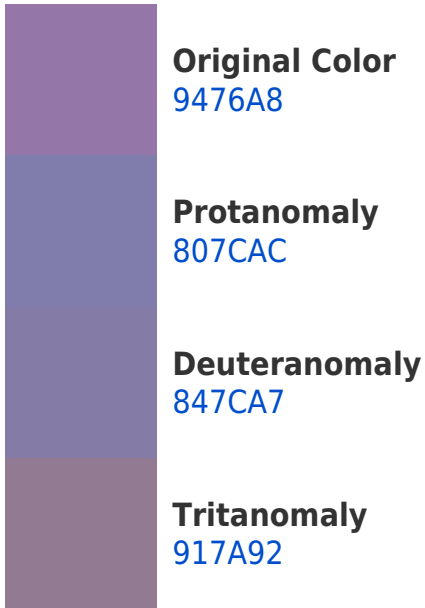
Protanopia
7480AF

Deuteranopia
7B7FA6

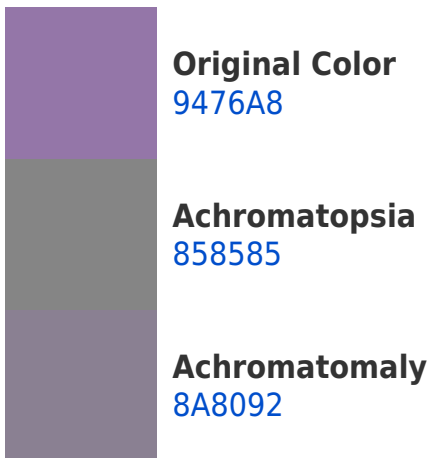


Tritanopia
8F7D86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9476A8 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 #9476A8 looks like.

```
.text, #text, p{  
    color:#9476A8  
}
```

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 #9476A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9476A8
}
```

Border

The CSS property to change the border of an element to Hex 9476A8 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
#9476A8 }
```

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

```
.border{ border-color:#9476A8 }
```

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

Here you see how a box with a 4 pixel #9476A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9476A8; -webkit-box-shadow:4px 4px  
4px 4px #9476A8; box-shadow:4px 4px 4px  
4px #9476A8 }
```

Background

The CSS property to change the background color of an element to Hex 9476A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9476A8 }
```

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

```
.background{ background-color:#9476A8 }
```

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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