

Converting Colors

Hex(90449A)

Have a look what the booklet for
Hex(90449A) contains.

Hex(90449A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(90449A)

Conversions

Conversions Part 1

Format	Color
Hex	90449A
RGB	144, 68, 154
RGB Percent	56%, 27%, 60%
CMY	0.4353, 0.7333, 0.3961
CMYK	0.06, 0.56, 0.00, 0.40
HSL	293°, 39%, 44%
HSV	293°, 56%, 60%
XYZ	19.4015, 12.3966, 31.9421
YIQ	100.5280, 17.6900, 42.8580

Conversions

Conversions Part 2

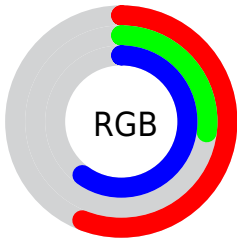
Format	Color
RYB	144, 68, 154
Decimal	9454746
CIELab	41.84, 45.09, -33.17
CIELCh	42, 55.975, 323.662
Yxy	12.3966, 0.3044, 0.1945
Android (android.graphics.Color)	4287644826 (0xFF90449A)
YUV	100.5280, 26.3617, 38.1249
Hunter-Lab	35.2088, 36.7450, -29.1427

Details

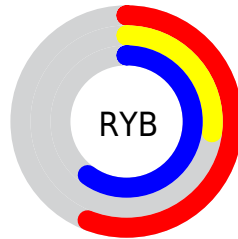
The Hex color **90449A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4E9A44**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **C878D1**, and **5B0D66** is the 20% darker color. If you saturate the color by 10%, you get **8E359A**, and if you desaturate by 10%, it is **92539A**.

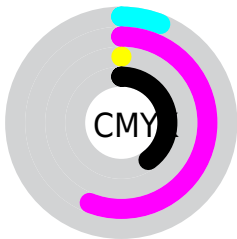
Distribution



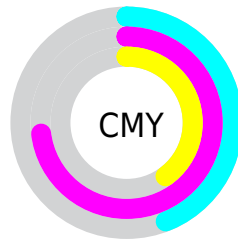
- Red (56%)
- Green (27%)
- Blue (60%)



- Red (56%)
- Yellow (27%)
- Blue (60%)



- Cyan (6%)
- Magenta (56%)
- Yellow (0%)
- Black (40%)



- Cyan (44%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90449A 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 90449A by changing the saturation by 10% instead.

90449A

90449A

FFFFFF

752A80

C878D1

5B0D66

E593ED

41004E

FFAEFF

2B0037

FFCAFF

030020

FFE6FF

000005

000000

90449A

90449A

8E359A

92539A

8C259A

94639A

8B169A

95729A

89069A

97829A

88009A

99919A

9BA09A

9DB09A

9EBF9A

A0CF9A

Harmonies

Analogous

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



4B5BB8



90449A



AF316F

Triad

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



90449A



805D00



007787

Complementary

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



90449A



4E9A44

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.



007757



90449A



546B00

Square

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



90449A



A04915



007327



0074AD

Rectangle

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



90449A



B43050



007327



007777

Sweetspot

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



90449A



C5A7C9



444E9A



645266



E6E6E6



666666

Same Dimension

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



90449A



BA42C9



9A4479



4C454D



7C008C



0B000D

Inverse Universe

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



9A444E



C94252



449A65



4D4546



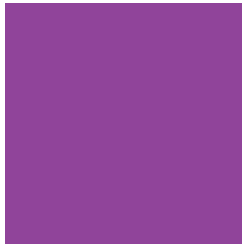
8C0010



0D0001

Previews

White Background



This preview shows how the Hex color 90449A looks on a white background.

Color Contrast Check

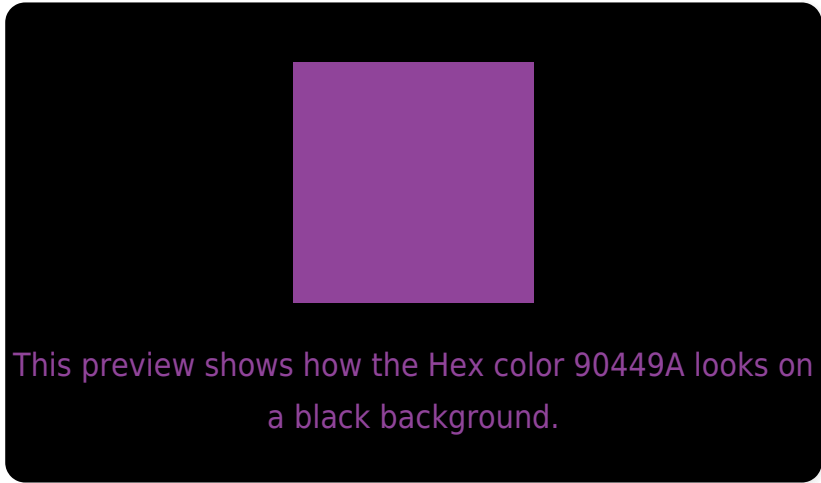
Large Text (above 18pt) WCAG AA ✓ Pass

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

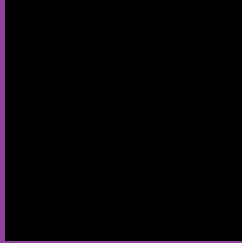
Any Text WCAG AA × Fail

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 90449A Background



This preview shows how black text looks on a background with the Hex color 90449A.

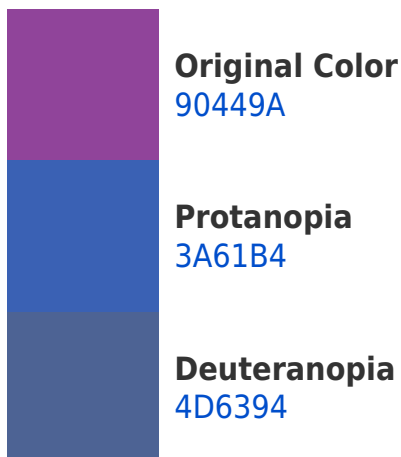



This preview shows how white text looks on a background with the Hex color 90449A.

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](#).

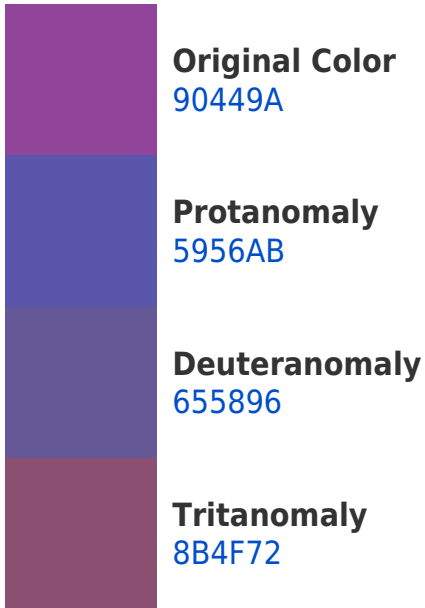
Dichromacy



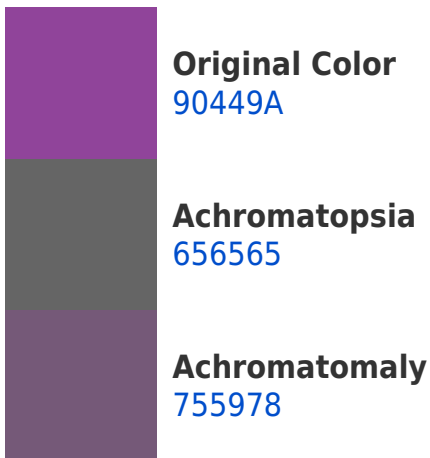


Tritanopia
88555B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90449A 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 #90449A looks like.

```
.text, #text, p{  
    color:#90449A  
}
```

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 #90449A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90449A
}
```

Border

The CSS property to change the border of an element to Hex 90449A is called "border". The border property can be set on classes, ids or directly on the HTML element.

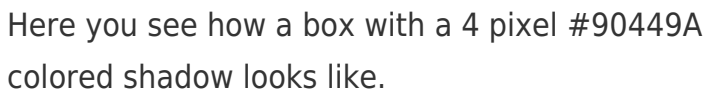
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90449A }
```

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

```
.border{ border-color:#90449A }
```

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



Here you see how a box with a 4 pixel #90449A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90449A; -webkit-box-shadow:4px 4px  
4px 4px #90449A; box-shadow:4px 4px 4px  
4px #90449A }
```

Background

The CSS property to change the background color of an element to Hex 90449A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90449A }
```

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

```
.background{ background-color:#90449A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor