

Converting Colors

Hex(A4459E)

Have a look what the booklet for
Hex(A4459E) contains.

Hex(A4459E)	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(A4459E)

Conversions

Conversions Part 1

Format	Color
Hex	A4459E
RGB	164, 69, 158
RGB Percent	64%, 27%, 62%
CMY	0.3569, 0.7294, 0.3804
CMYK	0.00, 0.58, 0.04, 0.36
HSL	304°, 41%, 46%
HSV	304°, 58%, 64%
XYZ	23.6095, 14.6174, 33.9248
YIQ	107.5510, 28.0510, 47.8190

Conversions

Conversions Part 2

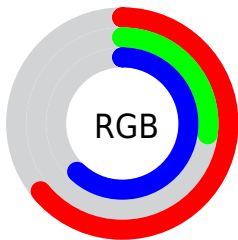
Format	Color
RYB	164, 69, 158
Decimal	10765726
CIELab	45.11, 50.92, -30.23
CIElCh	45, 59.218, 329.302
Yxy	14.6174, 0.3272, 0.2026
Android (android.graphics.Color)	4288955806 (0xFFA4459E)
YUV	107.5510, 24.8714, 49.5058
Hunter-Lab	38.2327, 43.3205, -25.8466

Details

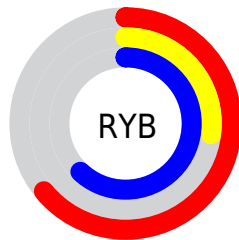
The Hex color **A4459E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **45A44B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **DD7AD5**, and **6D066A** is the 20% darker color. If you saturate the color by 10%, you get **A4359D**, and if you desaturate by 10%, it is **A4559F**.

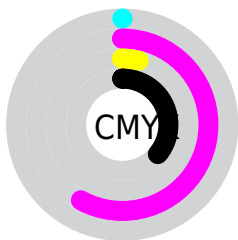
Distribution



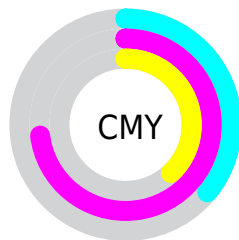
- Red (64%)
- Green (27%)
- Blue (62%)



- Red (64%)
- Yellow (27%)
- Blue (62%)



- Cyan (0%)
- Magenta (58%)
- Yellow (4%)
- Black (36%)



- Cyan (36%)
- Magenta (73%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4459E 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 A4459E by changing the saturation by 10% instead.



A4459E



A4459E

FFFFFF



882A84



DD7AD5



6D066A



FB95F1



530052



FFB1FF



3A003A



FFCEFF



210024



FFEAFF



00000B



000000



A4459E



A4459E



A4359D



A4559F

 A4249C

 A466A0

 A4149B

 A476A1

 A4039A

 A487A2

 A4009A

 A497A3

 A4A7A4

 A4B8A5

 A4C8A6

 A4D9A7

Harmonies

Analogous

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



645EC2



A4459E



BF336E

Triad

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



A4459E



826800



00819A

Complementary

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



A4459E



45A44B

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.



008168



A4459E



517600

Square

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



A4459E



A7540D



007D35



007CC0

Rectangle

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



A4459E



C1374D



007D35



00818A

Sweetspot

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



A4459E



D6B2D4



4A45A4



6B566A



EBEBEB



6B6B6B

Same Dimension

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



A4459E



D640CD



A44570



524951



910088



120011

Inverse Universe

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



A4459E



D640CD



45A479



524951



910088



120011

Previews

White Background



This preview shows how the Hex color A4459E looks on a white background.

Color Contrast Check

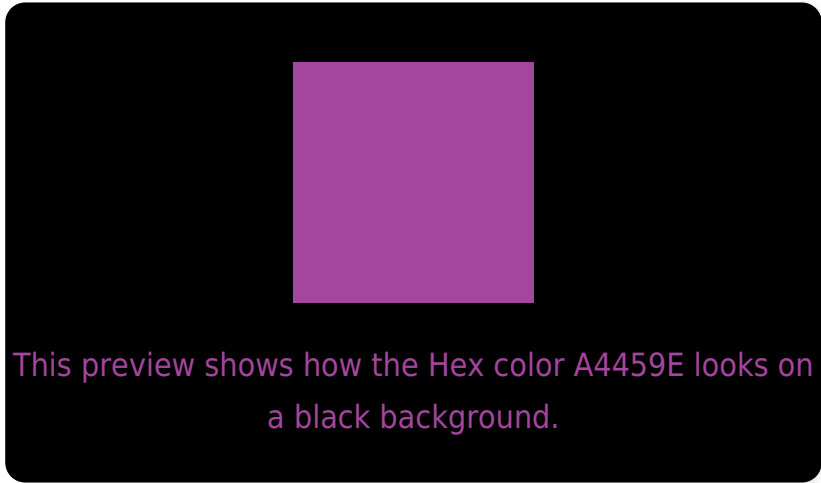
Large Text (above 18pt) WCAG AA ✓ Pass

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

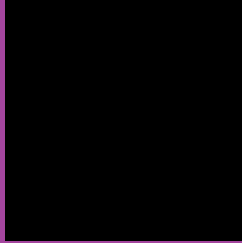
Any Text WCAG AA × Fail

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 A4459E Background



This preview shows how black text looks on a background with the Hex color A4459E.

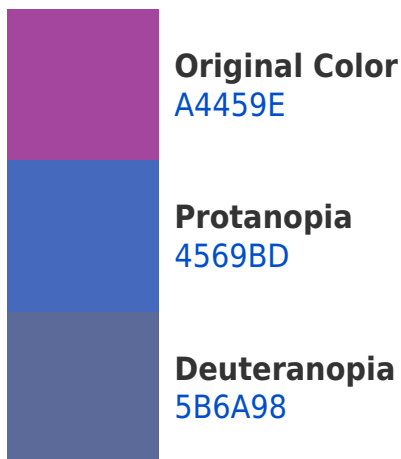



This preview shows how white text looks on a background with the Hex color A4459E.

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](#).

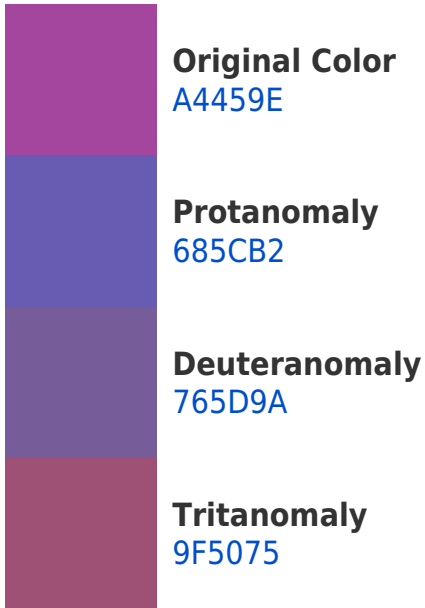
Dichromacy





Tritanopia
9C565D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A4459E 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 #A4459E looks like.

```
.text, #text, p{  
    color:#A4459E  
}
```

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 #A4459E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4459E
}
```

Border

The CSS property to change the border of an element to Hex A4459E is called "border". The border property can be set on classes, ids or directly on the HTML element.

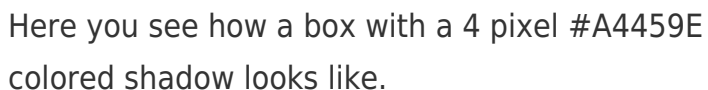
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A4459E }
```

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

```
.border{ border-color:#A4459E }
```

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



Here you see how a box with a 4 pixel #A4459E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4459E; -webkit-box-shadow:4px 4px  
4px 4px #A4459E; box-shadow:4px 4px 4px  
4px #A4459E }
```

Background

The CSS property to change the background color of an element to Hex A4459E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4459E }
```

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

```
.background{ background-color:#A4459E }
```

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