

Converting Colors

Hex(CA4E9A)

Have a look what the booklet for
Hex(CA4E9A) contains.

| | |
|--|----|
| Hex(CA4E9A) | 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(CA4E9A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CA4E9A |
| RGB | 202, 78, 154 |
| RGB Percent | 79%, 31%, 60% |
| CMY | 0.2078, 0.6941, 0.3961 |
| CMYK | 0.00, 0.61, 0.24, 0.21 |
| HSL | 323°, 54%, 55% |
| HSV | 323°, 61%, 79% |
| XYZ | 32.9142, 20.3384, 32.7628 |
| YIQ | 123.7400, 49.5080, 49.9240 |

Conversions

Conversions Part 2

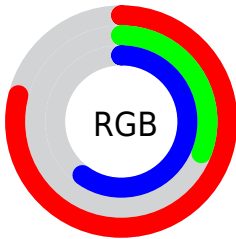
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 202, 78, 154 |
| Decimal | 13258394 |
| CIE _{Lab} | 52.22, 57.08, -16.40 |
| CIE _{LCh} | 52, 59.386, 343.965 |
| Yxy | 20.3384, 0.3827, 0.2365 |
| Android (android.graphics.Color) | 4291448474 (0xFFCA4E9A) |
| YUV | 123.7400, 14.9182, 68.6340 |
| Hunter-Lab | 45.0981, 51.3539, -11.5041 |

Details

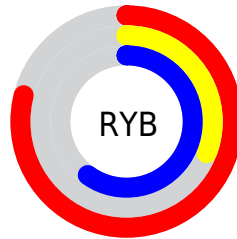
The Hex color **CA4E9A** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **4ECA7E**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF85D0**, and **900B67** is the 20% darker color. If you saturate the color by 10%, you get **CA3A92**, and if you desaturate by 10%, it is **CA62A2**.

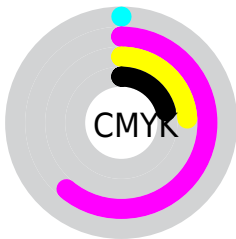
Distribution



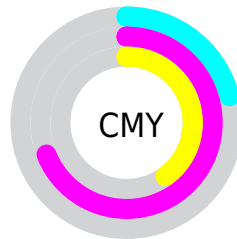
- Red (79%)
- Green (31%)
- Blue (60%)



- Red (79%)
- Yellow (31%)
- Blue (60%)



- Cyan (0%)
- Magenta (61%)
- Yellow (24%)
- Black (21%)



- Cyan (21%)
- Magenta (69%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA4E9A 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 CA4E9A by changing the saturation by 10% instead.

CA4E9A

CA4E9A

FFFFFF

AD3180

FF85D0

900B67

FFA1ED

74004F

FFBEFF

590038

FFDBFF

3F0022

FFF8FF

240008

000000

CA4E9A

CA4E9A

CA3A92

CA62A2

■ CA268A

■ CA76AA

■ CA1183

■ CA8BB1

■ CA007C

■ CA9FB9

■ CAB3C1

■ CAC7C9

■ CADBD1

■ CAF0D9

■ CAFFE0

Harmonies

Analogous

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



9D64C6



CA4E9A



D84967

Triad

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



CA4E9A



7F8200



0092C2

Complementary

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



CA4E9A



4ECA7E

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.



009494



CA4E9A



448D2D

Square

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



CA4E9A



AB700A



00925F



008ADF

Rectangle

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



CA4E9A



D25347



00925F



0093B4

Sweetspot

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



CA4E9A



FFD1ED



7E4ECA



806375



000000



808080

Same Dimension

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



CA4E9A



FF42B6



CA4E5C



665C62



A60066



260017

Inverse Universe

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



CA4E9A



FF42B6



4ECABC



665C62



A60066



260017

Previews

White Background



This preview shows how the Hex color CA4E9A looks on a white background.

Color Contrast Check

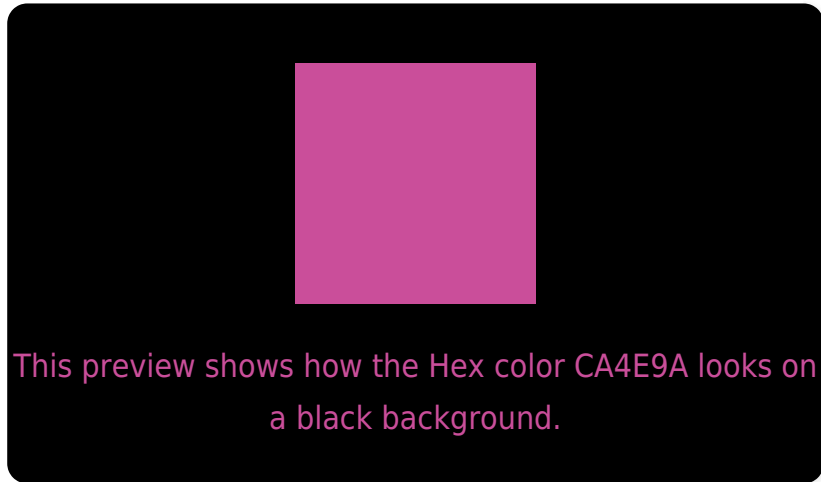
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA4E9A Background



This preview shows how black text looks on a background with the Hex color CA4E9A.

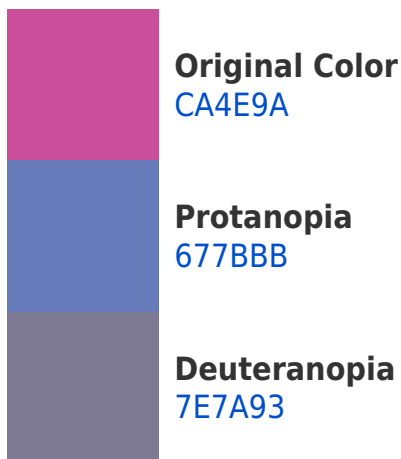



This preview shows how white text looks on a background with the Hex color CA4E9A.

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](#).

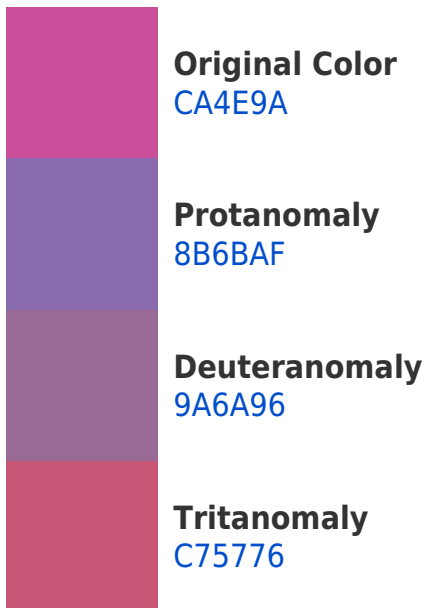
Dichromacy





Tritanopia
C55C62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA4E9A 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 #CA4E9A looks like.

```
.text, #text, p{  
    color:#CA4E9A  
}
```

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 #CA4E9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA4E9A
}
```

Border

The CSS property to change the border of an element to Hex CA4E9A 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
#CA4E9A }
```

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

```
.border{ border-color:#CA4E9A }
```

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

Here you see how a box with a 4 pixel #CA4E9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA4E9A; -webkit-box-shadow:4px 4px  
4px 4px #CA4E9A; box-shadow:4px 4px 4px  
4px #CA4E9A }
```

Background

The CSS property to change the background color of an element to Hex CA4E9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA4E9A }
```

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

```
.background{ background-color:#CA4E9A }
```

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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