

Converting Colors

Hex(CC3AA9)

Have a look what the booklet for
Hex(CC3AA9) contains.

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Color

Hex(CC3AA9)

Conversions

Conversions Part 1

Format	Color
Hex	CC3AA9
RGB	204, 58, 169
RGB Percent	80%, 23%, 66%
CMY	0.2000, 0.7725, 0.3373
CMYK	0.00, 0.72, 0.17, 0.20
HSL	314°, 59%, 51%
HSV	314°, 72%, 80%
XYZ	33.5763, 18.7281, 39.3813
YIQ	114.3080, 51.3850, 65.4730

Conversions

Conversions Part 2

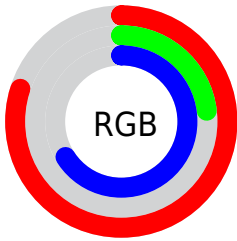
Format	Color
R_{YB}	204, 58, 169
Decimal	13384361
CIE _{Lab}	50.37, 67.39, -28.07
CIE _{LCh}	50, 73.001, 337.386
Yxy	18.7281, 0.3662, 0.2043
Android (android.graphics.Color)	4291574441 (0xFFCC3AA9)
YUV	114.3080, 26.9632, 78.6599
Hunter-Lab	43.2759, 62.7593, -23.6611

Details

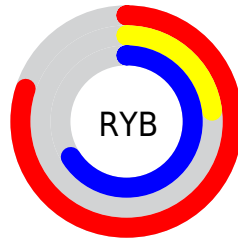
The Hex color **CC3AA9** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3ACC5D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF75E1**, and **920075** is the 20% darker color. If you saturate the color by 10%, you get **CC26A4**, and if you desaturate by 10%, it is **CC4EAE**.

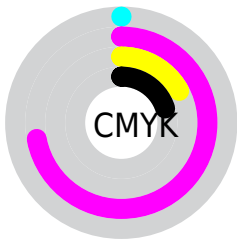
Distribution



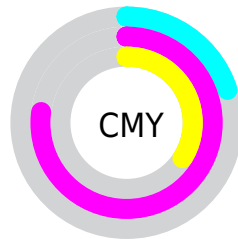
- Red (80%)
- Green (23%)
- Blue (66%)



- Red (80%)
- Yellow (23%)
- Blue (66%)



- Cyan (0%)
- Magenta (72%)
- Yellow (17%)
- Black (20%)



- Cyan (20%)
- Magenta (77%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC3AA9 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 CC3AA9 by changing the saturation by 10% instead.

 CC3AA9

 CC3AA9

FFFFFF

 AF128E

 FF75E1

 920075

 FF92FD

 75005C

 FFAFFF

 5A0044

 FFCCFF

 40002D

 FFEAFF

 230017

 000000

 CC3AA9

 CC3AA9

 CC26A4

 CC4EAE

■ CC119F

■ CC63B3

■ CC009B

■ CC77B8

■ CC8CBD

■ CCA0C1

■ CCB4C6

■ CCC9CB

■ CCDDDD0

■ CCF2D5

Harmonies

Analogous

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



8A5FDC



CC3AA9



E3256B

Triad

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



CC3AA9



847A00



0092C2

Complementary

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



CC3AA9



3ACC5D

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.



009386



CC3AA9



3E8900

Square

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



CC3AA9



B66300



009045



008BEB

Rectangle

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



CC3AA9



DF3543



009045



0093B0

Sweetspot

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



CC3AA9



FFC9F2



5C3ACC



806078



000000



808080

Same Dimension

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



CC3AA9



FF24CA



CC3A61



665C64



A6007E



26001D

Inverse Universe

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



CC3AA9



FF24CA



3ACCA5



665C64



A6007E



26001D

Previews

White Background



This preview shows how the Hex color CC3AA9 looks on a white background.

Color Contrast Check

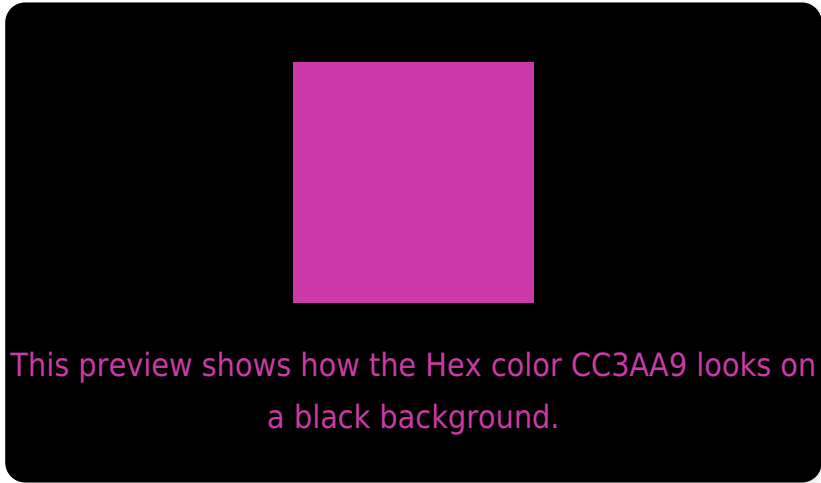
Large Text (above 18pt) WCAG AA ✓ Pass

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

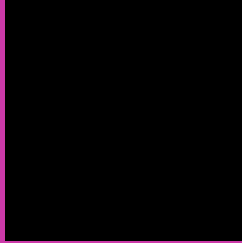
Any Text WCAG AA ✓ Pass

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 CC3AA9 Background



This preview shows how black text looks on a background with the Hex color CC3AA9.

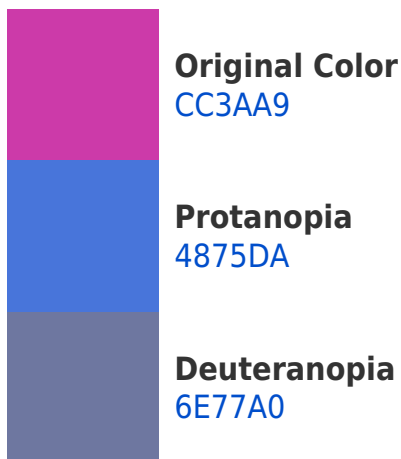



This preview shows how white text looks on a background with the Hex color CC3AA9.

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
C55358

Trichromacy



Original Color
CC3AA9



Protanomaly
7860C8



Deuteranomaly
9061A3



Tritanomaly
C84A75

Monochromacy



Original Color
CC3AA9



Achromatopsia
727272



Achromatomaly
935E86

CSS Examples

Text

The CSS property to change the color of the text to Hex CC3AA9 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 #CC3AA9 looks like.

```
.text, #text, p{  
    color:#CC3AA9  
}
```

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 #CC3AA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3AA9
}
```

Border

The CSS property to change the border of an element to Hex CC3AA9 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
#CC3AA9 }
```

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

```
.border{ border-color:#CC3AA9 }
```

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

Here you see how a box with a 4 pixel #CC3AA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3AA9; -webkit-box-shadow:4px 4px  
4px 4px #CC3AA9; box-shadow:4px 4px 4px  
4px #CC3AA9 }
```

Background

The CSS property to change the background color of an element to Hex CC3AA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3AA9 }
```

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

```
.background{ background-color:#CC3AA9 }
```

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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