

Converting Colors

Hex(CC009A)

Have a look what the booklet for
Hex(CC009A) contains.

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Color

Hex(CC009A)

Conversions

Conversions Part 1

Format	Color
Hex	CC009A
RGB	204, 0, 154
RGB Percent	80%, 0%, 60%
CMY	0.2000, 1.0000, 0.3961
CMYK	0.00, 1.00, 0.25, 0.20
HSL	315°, 100%, 40%
HSV	315°, 100%, 80%
XYZ	30.7346, 15.1705, 31.8801
YIQ	78.5520, 72.1500, 91.1420

Conversions

Conversions Part 2

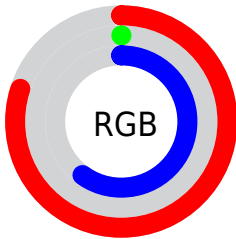
Format	Color
RYB	204, 0, 154
Decimal	13369498
CIELab	45.87, 76.52, -26.14
CIELCh	46, 80.863, 341.140
Yxy	15.1705, 0.3951, 0.1950
Android (android.graphics.Color)	4291559578 (0xFFCC009A)
YUV	78.5520, 37.1959, 110.0179
Hunter-Lab	38.9493, 72.6917, -21.2646

Details

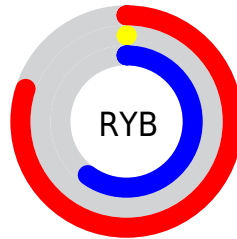
The Hex color **CC009A** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **00CC32**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5AD1**, and **910067** is the 20% darker color. If you saturate the color by 10%, you get **CC009A**, and if you desaturate by 10%, it is **CC149F**.

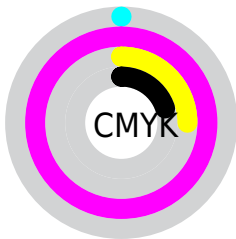
Distribution



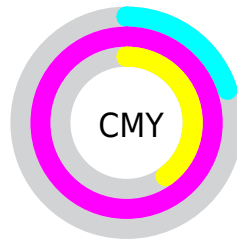
- Red (80%)
- Green (0%)
- Blue (60%)



- Red (80%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC009A 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 CC009A by changing the saturation by 10% instead.

 CC009A

 CC009A

FFFFFF

 AE0080

 FF5AD1

 910067

 FF79ED

 73004E

 FF96FF

 570037

 FFB4FF

 3B0021

 FFD2FF

 1C0005

 FFF0FF

 000000

 CC009A

 CC149F

 CC29A4

 CC3DA9

 CC52AE

 CC66B3

 CC7AB8

 CC8FBD

 CCA3C2

 CCB8C7

Harmonies

Analogous

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



8A4BD4



CC009A



DF0057

Triad

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



CC009A



6E7200



0087C5

Complementary

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



CC009A



00CC32

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.



008885



CC009A



007F00

Square

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



CC009A



A75900



00863D



0080EF

Rectangle

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



CC009A



D7142B



00863D



0088B2

Sweetspot

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



CC009A



FFB3EC



3000CC



805274



000000



808080

Same Dimension

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



CC009A



FF00C1



CC0036



665C64



A6007D



26001D

Inverse Universe

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



CC009A



FF00C0



00CC96



665C63



A6007D



26001D

Previews

White Background



This preview shows how the Hex color CC009A looks on a white background.

Color Contrast Check

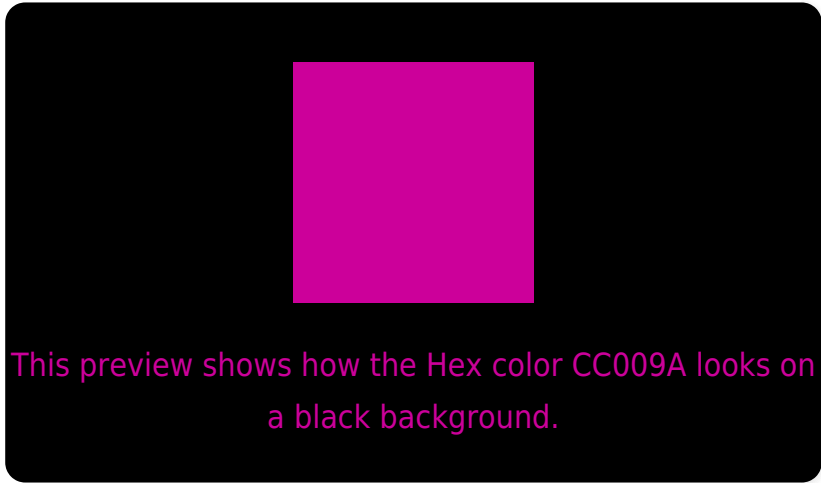
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC009A Background



This preview shows how black text looks on a background with the Hex color CC009A.

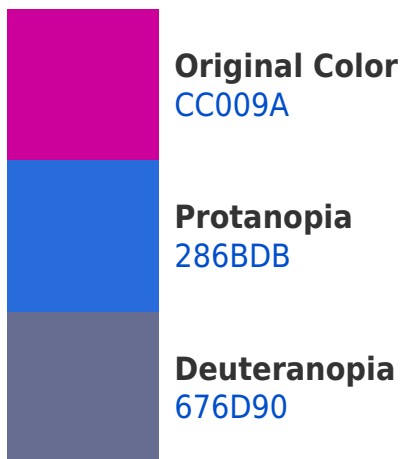


This preview shows how white text looks on a background with the Hex color CC009A.

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



Trichromacy



Original Color
CC009A



Protanomaly
6444C3



Deuteranomaly
8C4594

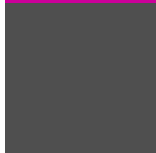


Tritanomaly
C82761

Monochromacy



Original Color
CC009A



Achromatopsia
4F4F4F



Achromatomaly
7C326A

CSS Examples

Text

The CSS property to change the color of the text to Hex CC009A 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 #CC009A looks like.

```
.text, #text, p{  
  color:#CC009A  
}
```

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 #CC009A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC009A
}
```

Border

The CSS property to change the border of an element to Hex CC009A 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
#CC009A }
```

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

```
.border{ border-color:#CC009A }
```

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

Here you see how a box with a 4 pixel #CC009A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC009A; -webkit-box-shadow:4px 4px  
4px 4px #CC009A; box-shadow:4px 4px 4px  
4px #CC009A }
```

Background

The CSS property to change the background color of an element to Hex CC009A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC009A }
```

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

```
.background{ background-color:#CC009A }
```

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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