

Converting Colors

Hex(CC3DA9)

Have a look what the booklet for
Hex(CC3DA9) contains.

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Color

Hex(CC3DA9)

Conversions

Conversions Part 1

Format	Color
Hex	CC3DA9
RGB	204, 61, 169
RGB Percent	80%, 24%, 66%
CMY	0.2000, 0.7608, 0.3373
CMYK	0.00, 0.70, 0.17, 0.20
HSL	315°, 58%, 52%
HSV	315°, 70%, 80%
XYZ	33.7320, 19.0394, 39.4332
YIQ	116.0690, 50.5600, 63.9040

Conversions

Conversions Part 2

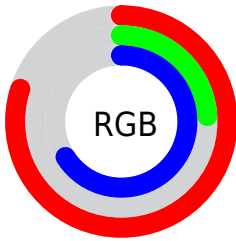
Format	Color
R_{YB}	204, 61, 169
Decimal	13385129
CIE _{Lab}	50.73, 66.36, -27.50
CIE _{LCh}	51, 71.831, 337.488
Yxy	19.0394, 0.3658, 0.2065
Android (android.graphics.Color)	4291575209 (0xFFCC3DA9)
YUV	116.0690, 26.0950, 77.1155
Hunter-Lab	43.6342, 61.6320, -23.0378

Details

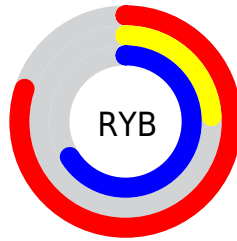
The Hex color **CC3DA9** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **3DCC60**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF78E1**, and **920075** is the 20% darker color. If you saturate the color by 10%, you get **CC29A4**, and if you desaturate by 10%, it is **CC51AE**.

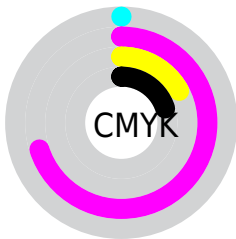
Distribution



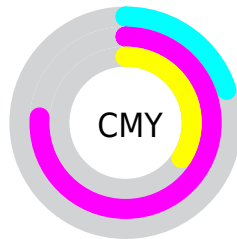
- Red (80%)
- Green (24%)
- Blue (66%)



- Red (80%)
- Yellow (24%)
- Blue (66%)



- Cyan (0%)
- Magenta (70%)
- Yellow (17%)
- Black (20%)



- Cyan (20%)
- Magenta (76%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC3DA9 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 CC3DA9 by changing the saturation by 10% instead.

 CC3DA9

 CC3DA9

FFFFFF

 AF188E

 FF78E1

 920075

 FF94FD

 76005C

 FFB1FF

 5A0044

 FFCEFF

 40002D

 FFECFF

 230018

 000000

 CC3DA9

 CC3DA9

 CC29A4

 CC51AE

 CC149F

 CC66B3

 CC009A

 CC7AB8

 CC8FBD

 CCA3C2

 CCB7C7

 CCCCCC

 CCE0D1

 CCF5D6

Harmonies

Analogous

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



8B60DB



CC3DA9



E32A6C

Triad

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



CC3DA9



847B00



0092C2

Complementary

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



CC3DA9



3DCC60

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.



009387



CC3DA9



408900

Square

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



CC3DA9



B76400



009147



008CEB

Rectangle

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



CC3DA9



DF3944



009147



0093B0

Sweetspot

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



CC3DA9



FFC9F2



5E3DCC



806078



000000



808080

Same Dimension

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



CC3DA9



FF29CB



CC3D63



665C64



A6007D



26001D

Inverse Universe

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



CC3DA9



FF29CB



3DCCA6



665C64



A6007D



26001D

Previews

White Background



This preview shows how the Hex color CC3DA9 looks on a white background.

Color Contrast Check

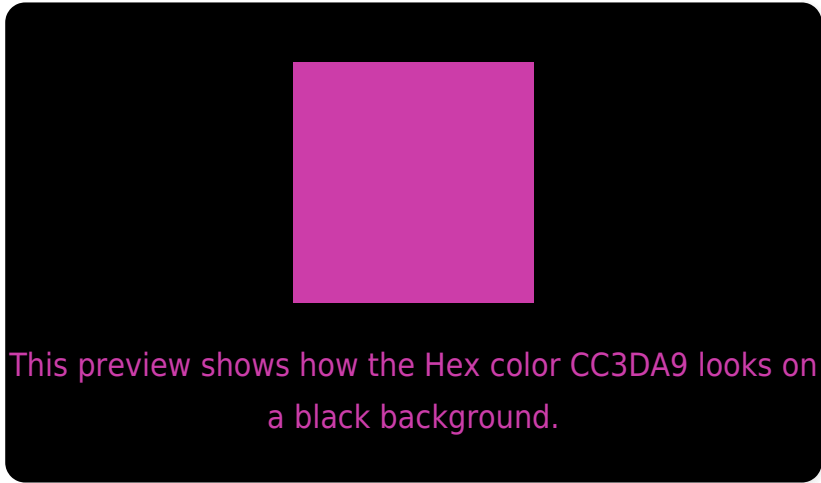
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC3DA9 Background



This preview shows how black text looks on a background with the Hex color CC3DA9.

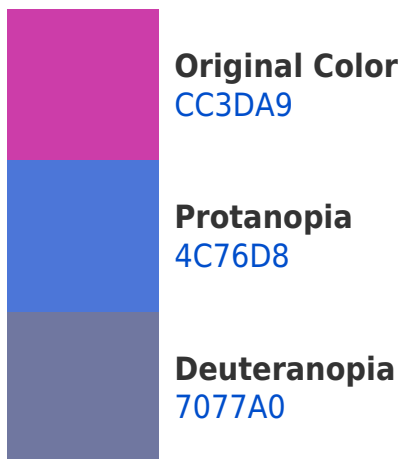



This preview shows how white text looks on a background with the Hex color CC3DA9.

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](#).

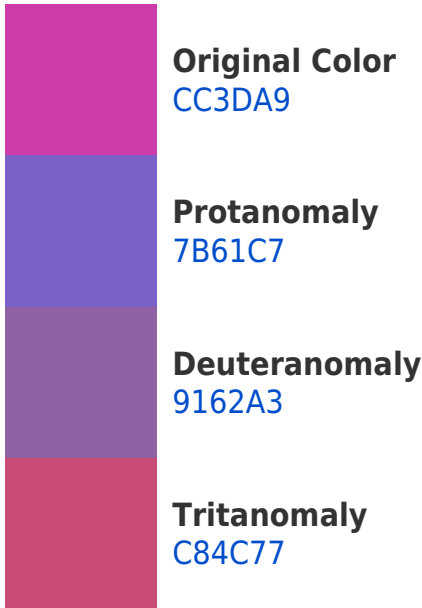
Dichromacy





Tritanopia
C5555A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CC3DA9 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 #CC3DA9 looks like.

```
.text, #text, p{  
    color:#CC3DA9  
}
```

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 #CC3DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC3DA9
}
```

Border

The CSS property to change the border of an element to Hex CC3DA9 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
#CC3DA9 }
```

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

```
.border{ border-color:#CC3DA9 }
```

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

Here you see how a box with a 4 pixel #CC3DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC3DA9; -webkit-box-shadow:4px 4px  
4px 4px #CC3DA9; box-shadow:4px 4px 4px  
4px #CC3DA9 }
```

Background

The CSS property to change the background color of an element to Hex CC3DA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC3DA9 }
```

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

```
.background{ background-color:#CC3DA9 }
```

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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