

# Converting Colors

Hex(CD3C9E)

Have a look what the booklet for  
Hex(CD3C9E) contains.

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# Color

**Hex(CD3C9E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD3C9E
RGB	205, 60, 158
RGB Percent	80%, 24%, 62%
CMY	0.1961, 0.7647, 0.3804
CMYK	0.00, 0.71, 0.23, 0.20
HSL	319°, 59%, 52%
HSV	319°, 71%, 80%
XYZ	32.9643, 18.6795, 34.2158
YIQ	114.5270, 54.9620, 61.2180

# Conversions

## Conversions Part 2

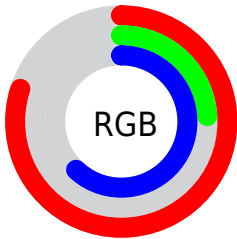
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 60, 158
Decimal	13450398
CIE <sub>Lab</sub>	50.31, 65.48, -21.65
CIE <sub>LCh</sub>	50, 68.960, 341.707
Yxy	18.6795, 0.3839, 0.2176
Android (android.graphics.Color)	4291640478 (0xFFCD3C9E)
YUV	114.5270, 21.4322, 79.3448
Hunter-Lab	43.2198, 60.5096, -16.6844

# Details

The Hex color **CD3C9E** 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 **3CCD6B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF77D5**, and **93006A** is the 20% darker color. If you saturate the color by 10%, you get **CD2797**, and if you desaturate by 10%, it is **CD51A5**.

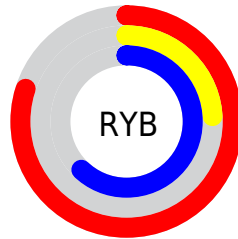
# Distribution



Red (80%)

Green (24%)

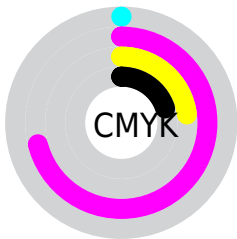
Blue (62%)



Red (80%)

Yellow (24%)

Blue (62%)

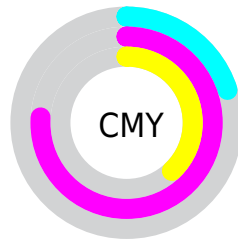


Cyan (0%)

Magenta (71%)

Yellow (23%)

Black (20%)



Cyan (20%)

Magenta (76%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD3C9E 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 CD3C9E by changing the saturation by 10% instead.



 CD3C9E

 CD3C9E

FFFFFF

 B01784

 FF77D5

 93006A

 FF93F1

 760052

 FFB0FF

 5A003B

 FFCDFE

 410025

 FFE8FF

 23000D

 000000

 CD3C9E

 CD3C9E

 CD2797

 CD51A5

 CD1391

 CD65AB

 CD008B

 CD7AB2

 CD8EB9

 CDA3BF

 CDB7C6

 CDCCCD

 CDE0D3

 CDF5DA

# Harmonies

## Analogous

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



965CD0



CD3C9E



DE3163

# Triad

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



CD3C9E



7C7C00



0090C5

# Complementary

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



CD3C9E



3CCD6B

# 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.



00928E



CD3C9E



36890B

# Square

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



CD3C9E



AE6700



008F50



0088E8

# Rectangle

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



CD3C9E



D8403E



008F50



0091B4



# Sweetspot

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



CD3C9E



FFC9EE



6A3CCD



806075



000000



808080



# Same Dimension

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



CD3C9E



FF26B9



CD3C57



665C63



A60070



26001A



# Inverse Universe

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



CD3C9E



FF26B9



3CCDB2



665C63



A60070



26001A



# Previews

## White Background



This preview shows how the Hex color CD3C9E looks on a white background.

## Color Contrast Check

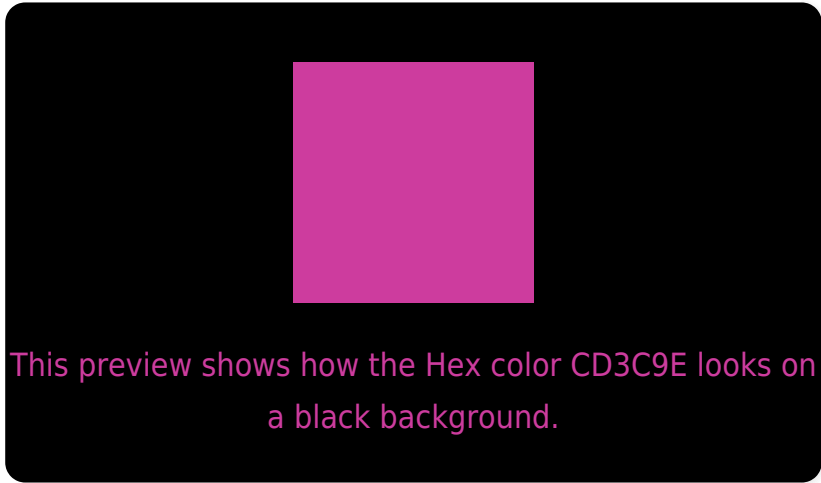
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD3C9E Background



This preview shows how black text looks on a background with the Hex color CD3C9E.

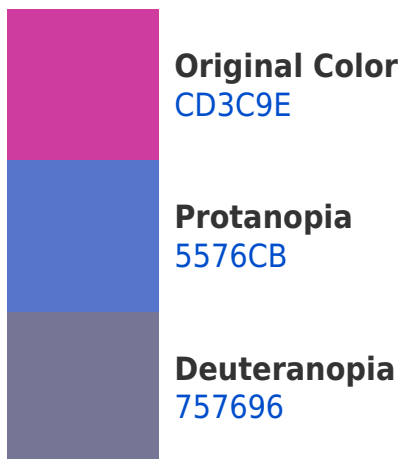


This preview shows how white text looks on a background with the Hex color CD3C9E.

# 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**  
C75156

# Trichromacy



**Original Color**  
CD3C9E



**Protanomaly**  
8161BB



**Deuteranomaly**  
956199

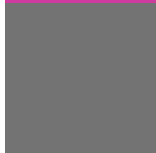


**Tritanomaly**  
C94970

# Monochromacy



**Original Color**  
CD3C9E



**Achromatopsia**  
737373



**Achromatomaly**  
945F83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD3C9E 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 #CD3C9E looks like.

```
.text, #text, p{  
    color:#CD3C9E  
}
```

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 #CD3C9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD3C9E
}
```

## Border

The CSS property to change the border of an element to Hex CD3C9E 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
#CD3C9E }
```

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

```
.border{ border-color:#CD3C9E }
```

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

Here you see how a box with a 4 pixel #CD3C9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD3C9E; -webkit-box-shadow:4px 4px  
4px 4px #CD3C9E; box-shadow:4px 4px 4px  
4px #CD3C9E }
```

# Background

The CSS property to change the background color of an element to Hex CD3C9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD3C9E }
```

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

```
.background{ background-color:#CD3C9E }
```

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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