

# Converting Colors

Hex(C35DA9)

Have a look what the booklet for  
Hex(C35DA9) contains.

<b>Hex(C35DA9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C35DA9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C35DA9
RGB	195, 93, 169
RGB Percent	76%, 36%, 66%
CMY	0.2353, 0.6353, 0.3373
CMYK	0.00, 0.52, 0.13, 0.24
HSL	315°, 46%, 56%
HSV	315°, 52%, 76%
XYZ	33.5815, 22.2954, 40.0696
YIQ	132.1620, 36.3960, 45.2600

# Conversions

## Conversions Part 2

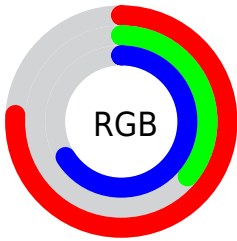
Format	Color
<a href="#">RYB</a>	<a href="#">195, 93, 169</a>
Decimal	<a href="#">12803497</a>
CIELab	<a href="#">54.34, 50.29, -22.05</a>
CIElCh	<a href="#">54, 54.909, 336.325</a>
Yxy	<a href="#">22.2954, 0.3500, 0.2324</a>
Android (android.graphics.Color)	<a href="#">4290993577 (0xFFC35DA9)</a>
YUV	<a href="#">132.1620, 18.1611, 55.1089</a>
Hunter-Lab	<a href="#">47.2180, 44.3179, -17.2615</a>

# Details

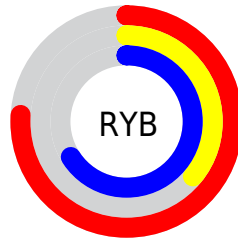
The Hex color **C35DA9** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **5DC377**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FE93E0**, and **8B2775** is the 20% darker color. If you saturate the color by 10%, you get **C34AA4**, and if you desaturate by 10%, it is **C370AE**.

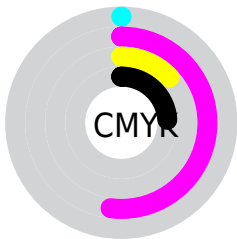
# Distribution



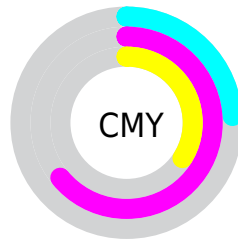
- Red (76%)
- Green (36%)
- Blue (66%)



- Red (76%)
- Yellow (36%)
- Blue (66%)



- Cyan (0%)
- Magenta (52%)
- Yellow (13%)
- Black (24%)



- Cyan (24%)
- Magenta (64%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C35DA9 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 C35DA9 by changing the saturation by 10% instead.



 C35DA9

 C35DA9

FFFFFF

 A7428E

 FE93E0

 8B2775

 FFAFFD

 70015C

 FFCBFF

 550044

 FFE8FF

 3C002E

 220019

 000000

 C35DA9

 C35DA9

 C34AA4

 C370AE

 C3369F

 C384B3

 C3229A

 C397B8

 C30F95

 C3ABBD

 C30091

 C3BEC2

 C3D2C7

 C3E5CC

 C3F9D1

 C3FFD6

# Harmonies

## Analogous

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



9171CF



C35DA9



D7547A

# Triad

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



C35DA9



918317



0097B9

# Complementary

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



C35DA9



5DC377

# 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.



00998B



C35DA9



5F8F2F

# Square

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



C35DA9



B87227



00965A



0091D9

# Rectangle

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



C35DA9



D6595B



00965A



0098AB



# Sweetspot

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



C35DA9



FCD4F2



765DC3



806779



000000



808080



# Same Dimension

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



C35DA9



FC5DD4



C35D76



61575E



A10078



210019



# Inverse Universe

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



C35DA9



FC5DD4



5DC3AA



61575E



A10078



210019



# Previews

## White Background



This preview shows how the Hex color C35DA9 looks on a white background.

## Color Contrast Check

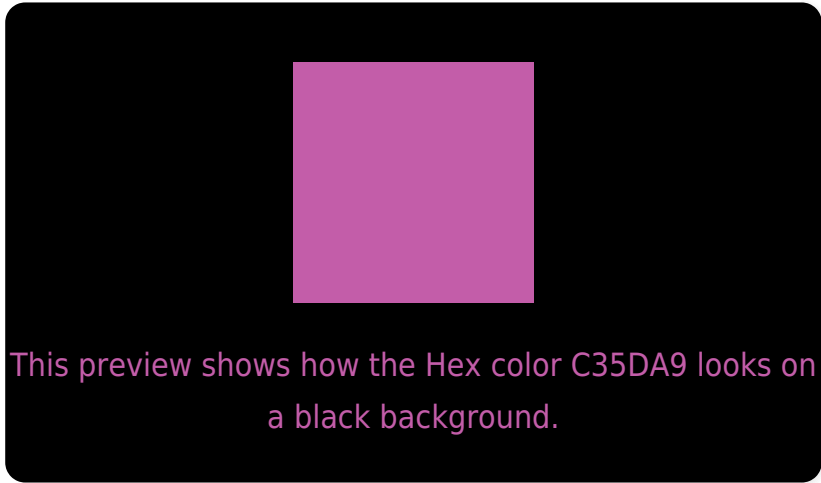
Large Text (above 18pt) WCAG AA ✓ Pass

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

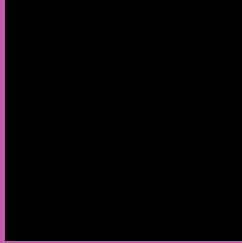
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C35DA9 Background



This preview shows how black text looks on a background with the Hex color C35DA9.

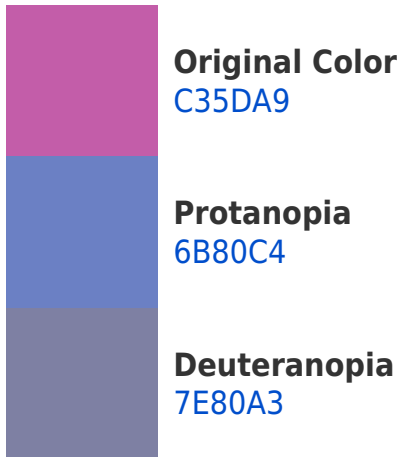


This preview shows how white text looks on a background with the Hex color C35DA9.

# 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](#).

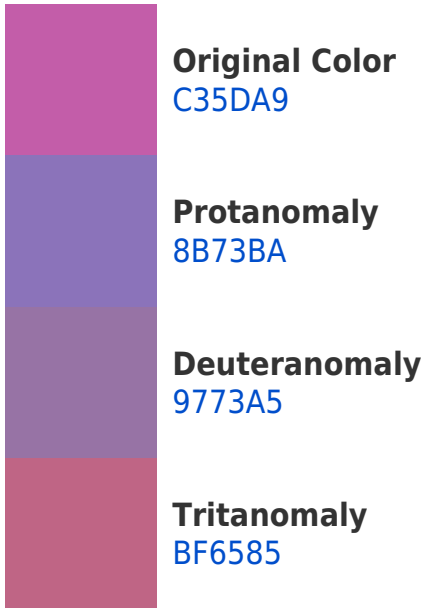
## Dichromacy





**Tritanopia**  
BD6A71

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C35DA9 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 #C35DA9 looks like.

```
.text, #text, p{  
  color:#C35DA9  
}
```

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 #C35DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35DA9
}
```

## Border

The CSS property to change the border of an element to Hex C35DA9 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
#C35DA9 }
```

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

```
.border{ border-color:#C35DA9 }
```

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

Here you see how a box with a 4 pixel #C35DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35DA9; -webkit-box-shadow:4px 4px  
4px 4px #C35DA9; box-shadow:4px 4px 4px  
4px #C35DA9 }
```

# Background

The CSS property to change the background color of an element to Hex C35DA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35DA9 }
```

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

```
.background{ background-color:#C35DA9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor