

# Converting Colors

Hex(C35A99)

Have a look what the booklet for  
Hex(C35A99) contains.

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**Color**

**Hex(C35A99)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C35A99
RGB	195, 90, 153
RGB Percent	76%, 35%, 60%
CMY	0.2353, 0.6471, 0.4000
CMYK	0.00, 0.54, 0.22, 0.24
HSL	324°, 47%, 56%
HSV	324°, 54%, 76%
XYZ	31.9116, 21.2143, 32.5498
YIQ	128.5770, 42.3570, 41.8530

# Conversions

## Conversions Part 2

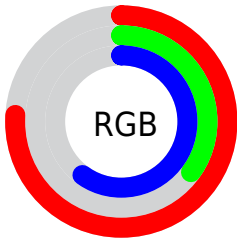
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	195, 90, 153
Decimal	12802713
CIE <sub>Lab</sub>	53.18, 49.31, -14.45
CIE <sub>LCh</sub>	53, 51.384, 343.670
Y <sub>xy</sub>	21.2143, 0.3725, 0.2476
Android (android.graphics.Color)	4290992793 (0xFFC35A99)
YUV	128.5770, 12.0405, 58.2530
Hunter-Lab	46.0590, 43.0689, -9.6588

# Details

The Hex color **C35A99** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5AC384**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FE90CF**, and **8A2366** is the 20% darker color. If you saturate the color by 10%, you get **C34791**, and if you desaturate by 10%, it is **C36EA1**.

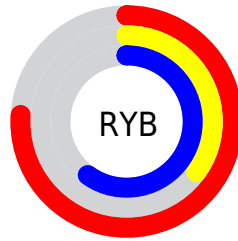
# Distribution



Red (76%)

Green (35%)

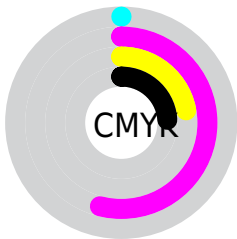
Blue (60%)



Red (76%)

Yellow (35%)

Blue (60%)

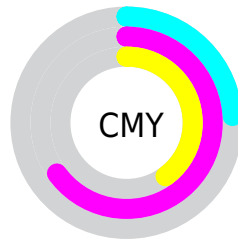


Cyan (0%)

Magenta (54%)

Yellow (22%)

Black (24%)



Cyan (24%)

Magenta (65%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C35A99 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 C35A99 by changing the saturation by 10% instead.



 C35A99

 C35A99

FFFFFF

 A63F7F

 FE90CF

 8A2366

 FFABEC

 6F004E

 FFC8FF

 540037

 FFE4FF

 3B0022

 210007

 000000

 C35A99

 C35A99

 C34791

 C36EA1

 C33389

 C381A9

 C32082

 C394B0

 C30C7A

 C3A8B8

 C30075

 C3BBC0

 C3CFC8

 C3E2D0

 C3F6D7

 C3FFDF

# Harmonies

## Analogous

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



9B6BBF



C35A99



D0566D

# Triad

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



C35A99



838320



0092BB

# Complementary

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



C35A99



5AC384

# 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.



009493



C35A99



518D3B

# Square

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



C35A99



AA7426



009365



008BD4

# Rectangle

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



C35A99



CB5D50



009365



0093AF



# Sweetspot

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



C35A99



FCD4EC



845AC3



806776



000000



808080



# Same Dimension

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



C35A99



FC58BB



C35A65



61575D



A10060



210014



# Inverse Universe

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



C35A99



FC58BB



5AC3B8



61575D



A10060



210014



# Previews

## White Background



This preview shows how the Hex color C35A99 looks on a white background.

## Color Contrast Check

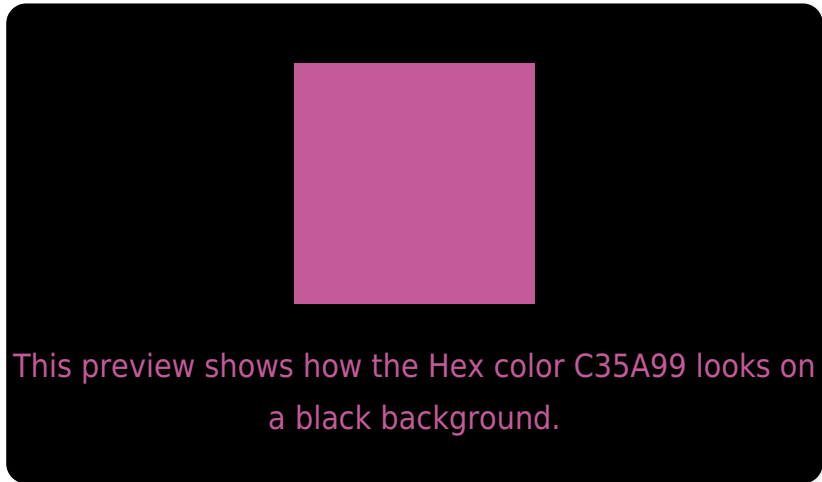
Large Text (above 18pt) WCAG AA ✓ Pass

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 C35A99 Background



This preview shows how black text looks on a background with the Hex color C35A99.

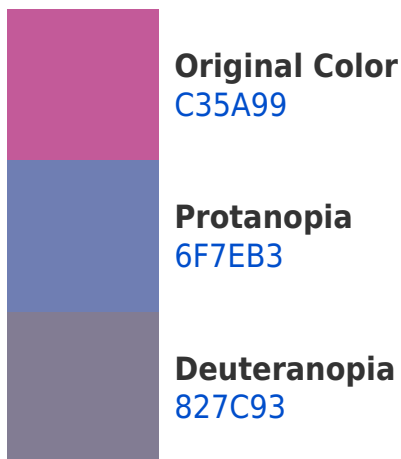


This preview shows how white text looks on a background with the Hex color C35A99.

# 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](#).

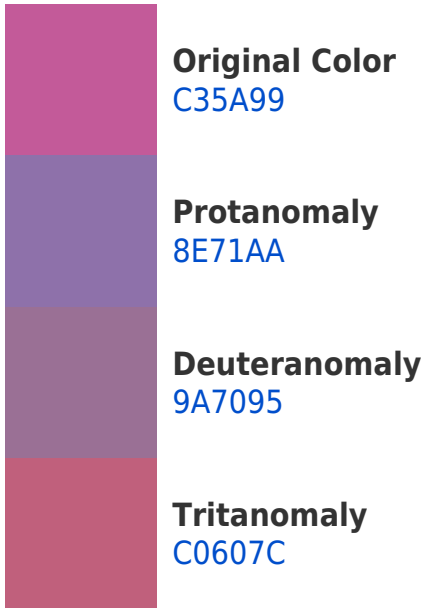
## Dichromacy



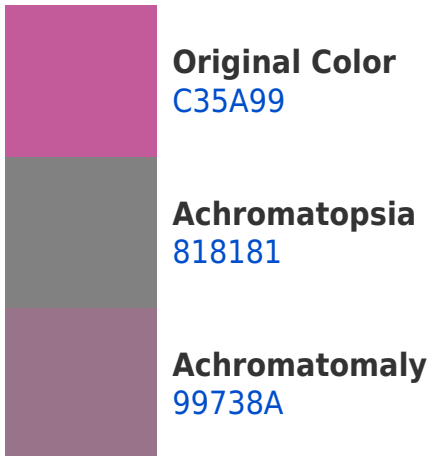


**Tritanopia**  
BF646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C35A99 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 #C35A99 looks like.

```
.text, #text, p{  
    color:#C35A99  
}
```

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 #C35A99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C35A99
}
```

## Border

The CSS property to change the border of an element to Hex C35A99 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
#C35A99 }
```

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

```
.border{ border-color:#C35A99 }
```

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

Here you see how a box with a 4 pixel #C35A99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C35A99; -webkit-box-shadow:4px 4px  
4px 4px #C35A99; box-shadow:4px 4px 4px  
4px #C35A99 }
```

# Background

The CSS property to change the background color of an element to Hex C35A99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C35A99 }
```

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

```
.background{ background-color:#C35A99 }
```

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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