

Converting Colors

Hex(CA35AD)

Have a look what the booklet for
Hex(CA35AD) contains.

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Color

Hex(CA35AD)

Conversions

Conversions Part 1

Format	Color
Hex	CA35AD
RGB	202, 53, 173
RGB Percent	79%, 21%, 68%
CMY	0.2078, 0.7922, 0.3216
CMYK	0.00, 0.74, 0.14, 0.21
HSL	312°, 58%, 50%
HSV	312°, 74%, 79%
XYZ	33.1730, 18.1199, 41.2842
YIQ	111.2310, 50.2840, 68.9080

Conversions

Conversions Part 2

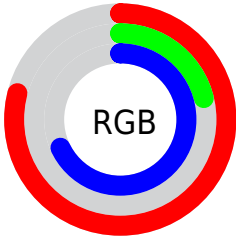
Format	Color
R _Y B	202, 53, 173
Decimal	13252013
CIE Lab	49.64, 69.10, -31.58
CIE LCh	50, 75.974, 335.437
Yxy	18.1199, 0.3583, 0.1957
Android (android.graphics.Color)	4291442093 (0xFFCA35AD)
YUV	111.2310, 30.4521, 79.6044
Hunter-Lab	42.5675, 64.6129, -27.7054

Details

The Hex color **CA35AD** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **35CA52**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF72E5**, and **900078** is the 20% darker color. If you saturate the color by 10%, you get **CA21A9**, and if you desaturate by 10%, it is **CA49B1**.

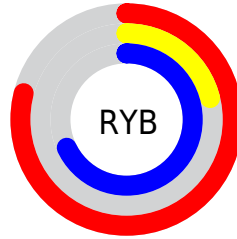
Distribution



Red (79%)

Green (21%)

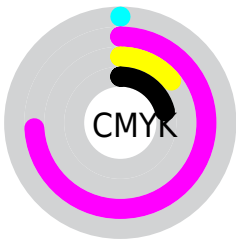
Blue (68%)



Red (79%)

Yellow (21%)

Blue (68%)

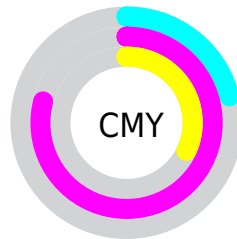


Cyan (0%)

Magenta (74%)

Yellow (14%)

Black (21%)



Cyan (21%)

Magenta (79%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA35AD 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 CA35AD by changing the saturation by 10% instead.

CA35AD

CA35AD

FFFFFF

AD0592

FF72E5

900078

FF8EFF

73005F

FFABFF

580047

FFC9FF

3F0030

FFE6FF

20001A

000000

CA35AD

CA35AD

CA21A9

CA49B1

■ CA0DA5

■ CA5DB5

■ CA00A3

■ CA72B9

■ CA86BD

■ CA9AC1

■ CAAEC5

■ CAC2C9

■ CAD7CC

■ CAEBD0

Harmonies

Analogous

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



815EE1



CA35AD



E4146D

Triad

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



CA35AD



857700



0091C0

Complementary

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



CA35AD



35CA52

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.



009181



CA35AD



3E8600

Square

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



CA35AD



B95E00



008E3C



008BEC

Rectangle

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



CA35AD



E12A43



008E3C



0091AC

Sweetspot

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



CA35AD



FFC7F4



5035CA



805E79



000000



808080

Same Dimension

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



CA35AD



FF1CD3



CA3564



665C64



A60085



26001F

Inverse Universe

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



CA35AD



FF1CD3



35CA9B



665C64



A60085



26001F

Previews

White Background



This preview shows how the Hex color CA35AD looks on a white background.

Color Contrast Check

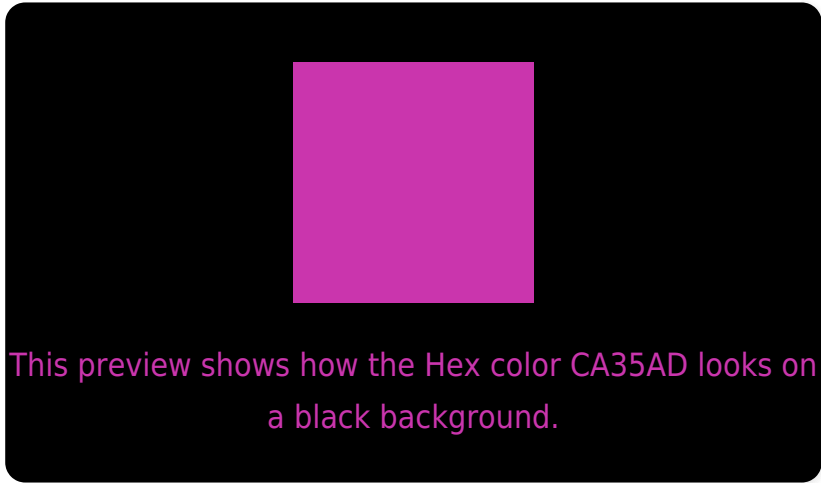
Large Text (above 18pt) WCAG AA ✓ Pass

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

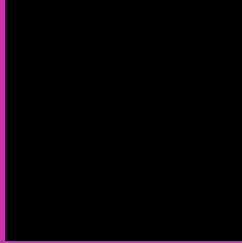
Any Text WCAG AA ✓ Pass

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 CA35AD Background



This preview shows how black text looks on a background with the Hex color CA35AD.

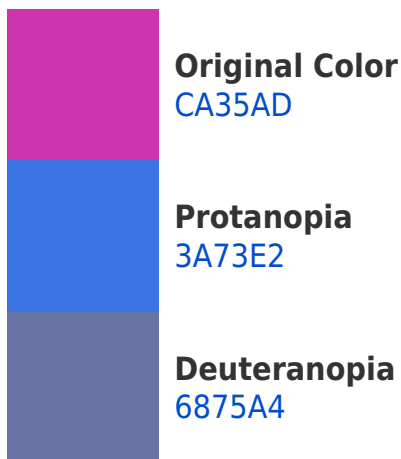


This preview shows how white text looks on a background with the Hex color CA35AD.

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](#).

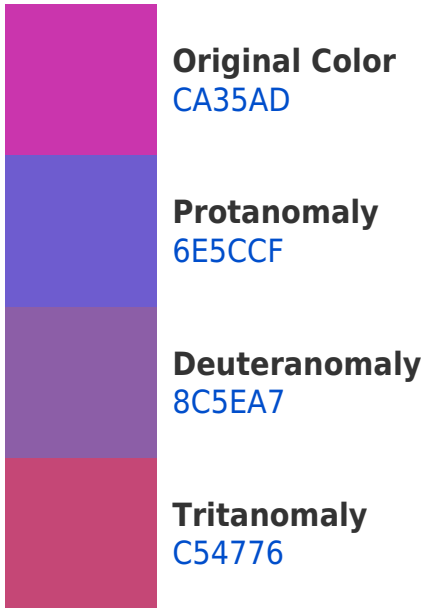
Dichromacy



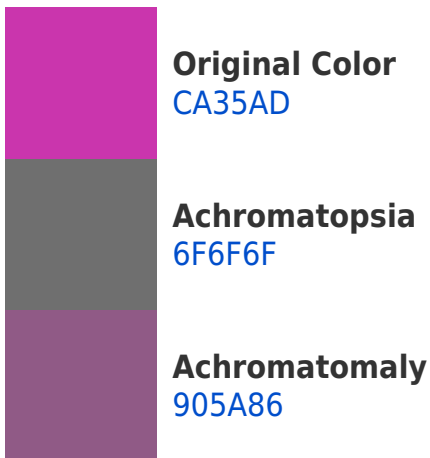


Tritanopia
C25257

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA35AD 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 #CA35AD looks like.

```
.text, #text, p{  
    color:#CA35AD  
}
```

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 #CA35AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA35AD
}
```

Border

The CSS property to change the border of an element to Hex CA35AD 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
#CA35AD }
```

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

```
.border{ border-color:#CA35AD }
```

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

Here you see how a box with a 4 pixel #CA35AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA35AD; -webkit-box-shadow:4px 4px  
4px 4px #CA35AD; box-shadow:4px 4px 4px  
4px #CA35AD }
```

Background

The CSS property to change the background color of an element to Hex CA35AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA35AD }
```

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

```
.background{ background-color:#CA35AD }
```

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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