

Converting Colors

Hex(C34AAF)

Have a look what the booklet for
Hex(C34AAF) contains.

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Color

Hex(C34AAF)

Conversions

Conversions Part 1

Format	Color
Hex	C34AAF
RGB	195, 74, 175
RGB Percent	76%, 29%, 69%
CMY	0.2353, 0.7098, 0.3137
CMYK	0.00, 0.62, 0.10, 0.24
HSL	310°, 50%, 53%
HSV	310°, 62%, 76%
XYZ	32.6923, 19.5948, 42.6165
YIQ	121.6930, 39.6950, 57.0630

Conversions

Conversions Part 2

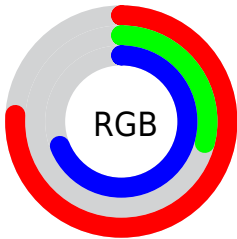
Format	Color
RYB	195, 74, 175
Decimal	12798639
CIELab	51.38, 59.91, -30.13
CIELCh	51, 67.063, 333.301
Yxy	19.5948, 0.3445, 0.2065
Android (android.graphics.Color)	4290988719 (0xFFC34AAF)
YUV	121.6930, 26.2804, 64.2902
Hunter-Lab	44.2660, 54.3642, -26.0945

Details

The Hex color **C34AAF** is a dark color, and the websafe version is hex **CC66CC**. The color can be described as middle muted rose. A complement of this color would be **4AC35E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FE82E7**, and **8A007A** is the 20% darker color. If you saturate the color by 10%, you get **C337AC**, and if you desaturate by 10%, it is **C35EB2**.

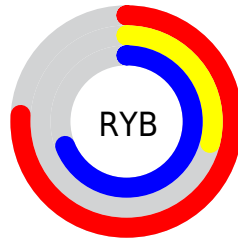
Distribution



Red (76%)

Green (29%)

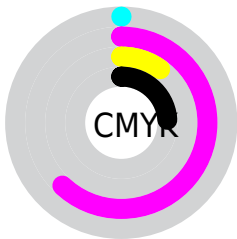
Blue (69%)



Red (76%)

Yellow (29%)

Blue (69%)

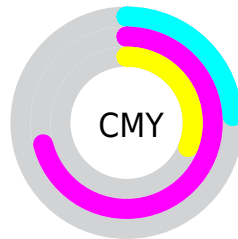


Cyan (0%)

Magenta (62%)

Yellow (10%)

Black (24%)



Cyan (24%)

Magenta (71%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color C34AAF 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 C34AAF by changing the saturation by 10% instead.

 C34AAF

 C34AAF

FFFFFF

 A62C94

 FE82E7

 8A007A

 FF9EFF

 6E0061

 FFBAFF

 530049

 FFD7FF

 3B0032

 FFF4FF

 1E001C

 000000

 C34AAF

 C34AAF

 C337AC

 C35EB2

 C323A9

 C371B5

 C310A5

 C385B9

 C300A3

 C398BC

 C3ACBF

 C3BFC2

 C3D3C6

 C3E6C9

 C3FACC

Harmonies

Analogous

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



8068DB



C34AAF



DE3877

Triad

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



C34AAF



8E7A00



0093B8

Complementary

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



C34AAF



4AC35E

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.



00947F



C34AAF



538900

Square

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



C34AAF



BB6300



009043



008EE1

Rectangle

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



C34AAF



DD3F51



009043



0094A6

Sweetspot

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



C34AAF



FCCCF5



5C4AC3



80627B



000000



808080

Same Dimension

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



C34AAF



FC42DE



C34A74



61575F



A10086



21001C

Inverse Universe

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



C34AAF



FC42DE



4AC399



61575F



A10086



21001C

Previews

White Background



This preview shows how the Hex color C34AAF looks on a white background.

Color Contrast Check

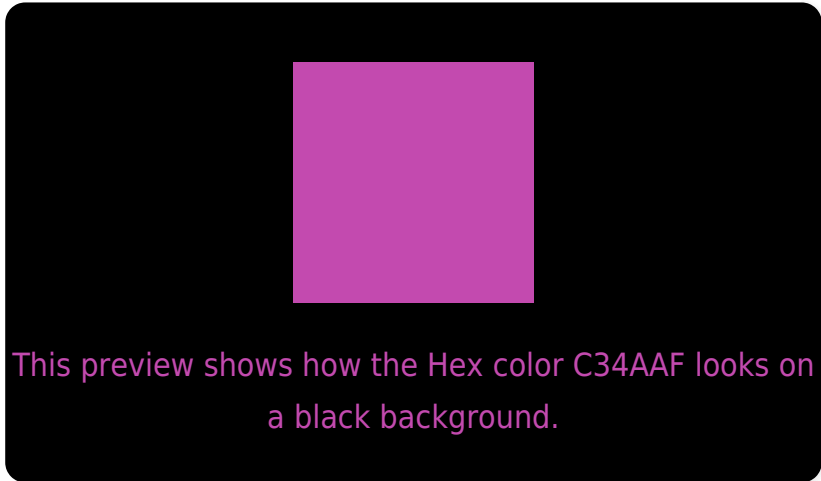
Large Text (above 18pt) WCAG AA ✓ Pass

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

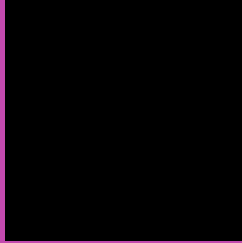
Any Text WCAG AA ✓ Pass

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 C34AAF Background



This preview shows how black text looks on a background with the Hex color C34AAF.

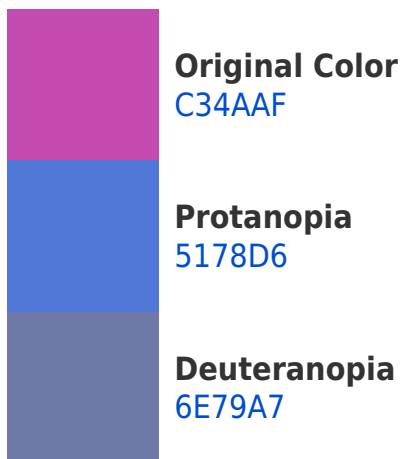



This preview shows how white text looks on a background with the Hex color C34AAF.

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
BB5E65

Trichromacy



Original Color
C34AAF



Protanomaly
7A67C8



Deuteranomaly
8D68AA



Tritanomaly
BE5780

Monochromacy



Original Color
C34AAF



Achromatopsia
7A7A7A



Achromatomaly
95698D

CSS Examples

Text

The CSS property to change the color of the text to Hex C34AAF 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 #C34AAF looks like.

```
.text, #text, p{  
    color:#C34AAF  
}
```

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 #C34AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C34AAF
}
```

Border

The CSS property to change the border of an element to Hex C34AAF 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
#C34AAF }
```

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

```
.border{ border-color:#C34AAF }
```

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

Here you see how a box with a 4 pixel #C34AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C34AAF; -webkit-box-shadow:4px 4px  
4px 4px #C34AAF; box-shadow:4px 4px 4px  
4px #C34AAF }
```

Background

The CSS property to change the background color of an element to Hex C34AAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C34AAF }
```

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

```
.background{ background-color:#C34AAF }
```

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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