

# Converting Colors

Hex(A34C83)

Have a look what the booklet for  
Hex(A34C83) contains.

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**Color**

**Hex(A34C83)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A34C83
RGB	163, 76, 131
RGB Percent	64%, 30%, 51%
CMY	0.3608, 0.7020, 0.4863
CMYK	0.00, 0.53, 0.20, 0.36
HSL	322°, 36%, 47%
HSV	322°, 53%, 64%
XYZ	21.7854, 14.5941, 23.1415
YIQ	108.2830, 34.1970, 35.5490

# Conversions

## Conversions Part 2

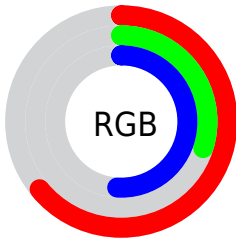
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 76, 131
Decimal	10701955
CIE <sub>Lab</sub>	45.07, 42.75, -14.06
CIE <sub>LCh</sub>	45, 44.999, 341.798
Yxy	14.5941, 0.3660, 0.2452
Android (android.graphics.Color)	4288892035 (0xFFA34C83)
YUV	108.2830, 11.1995, 47.9868
Hunter-Lab	38.2022, 34.9386, -9.1741

# Details

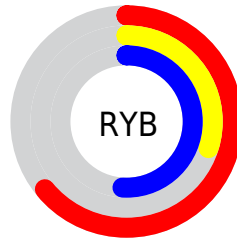
The Hex color **A34C83** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4CA36C**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **DC80B8**, and **6D1752** is the 20% darker color. If you saturate the color by 10%, you get **A33C7D**, and if you desaturate by 10%, it is **A35C89**.

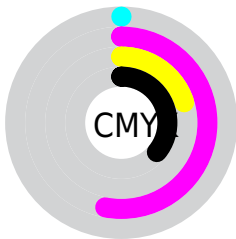
# Distribution



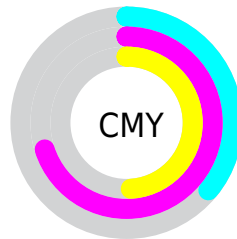
- Red (64%)
- Green (30%)
- Blue (51%)



- Red (64%)
- Yellow (30%)
- Blue (51%)



- Cyan (0%)
- Magenta (53%)
- Yellow (20%)
- Black (36%)



- Cyan (36%)
- Magenta (70%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A34C83 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 A34C83 by changing the saturation by 10% instead.



 A34C83

 A34C83

FFFFFF

 87326A

 DC80B8

 6D1752

 F99BD4

 52003A

 FFB7F0

 390025

 FFD3FF

 21000E

 FFF0FF

 000000

 A34C83

 A34C83

 A33C7D

 A35C89

 A32B77

 A36D8F

 A31B71

 A37D95

 A30B6B

 A38D9B

 A30067

 A39EA1

 A3AEA7

 A3BEAD

 A3CEB3

 A3DFB9

# Harmonies

## Analogous

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



805AA3



A34C83



AF485D

# Triad

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



A34C83



716D1A



007B9C

# Complementary

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



A34C83



4CA36C

# 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.



007D79



A34C83



47762F

# Square

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



A34C83



916020



007B52



0075B2

# Rectangle

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



A34C83



AC4D45



007B52



007C91



# Sweetspot

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



A34C83



D4B2C7



6C4CA3



6B5764



EBEBEB



6B6B6B



# Same Dimension

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



A34C83



D44CA2



A34C58



52494F



91005C



12000B



# Inverse Universe

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



A34C83



D44CA2



4CA397



52494F



91005C

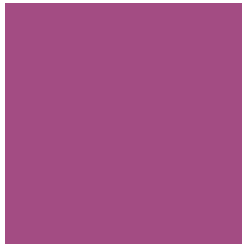


12000B



# Previews

## White Background



This preview shows how the Hex color A34C83 looks on a white background.

## Color Contrast Check

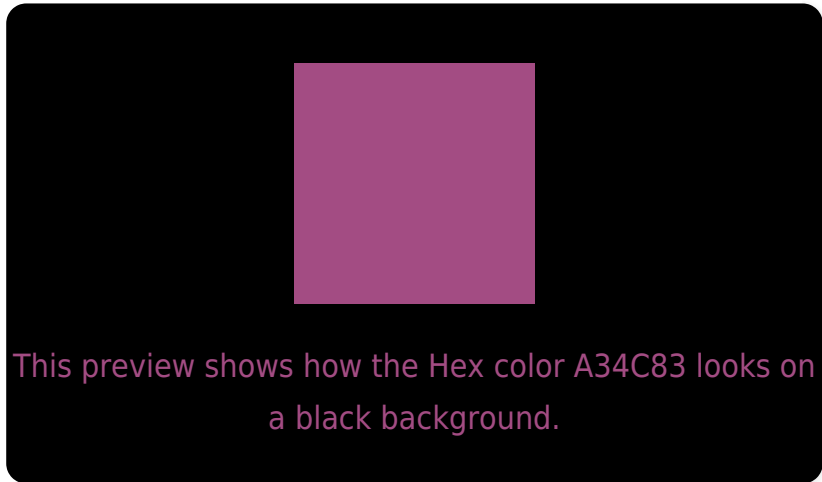
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

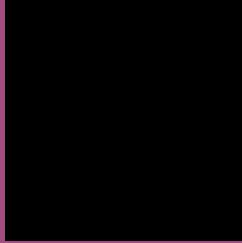
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A34C83 Background



This preview shows how black text looks on a background with the Hex color A34C83.

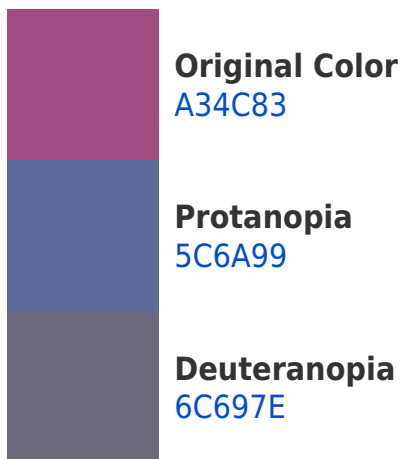


This preview shows how white text looks on a background with the Hex color A34C83.

# 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](#).

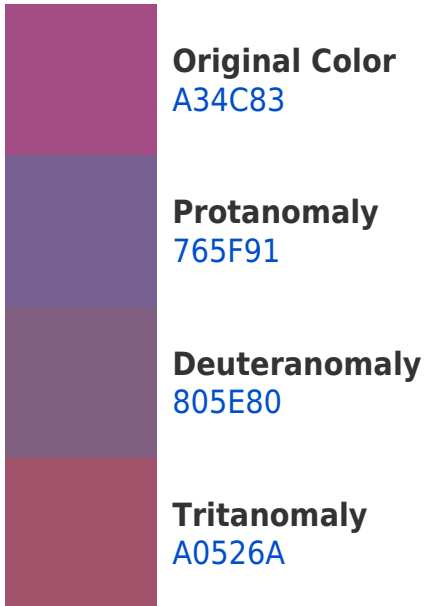
## Dichromacy





**Tritanopia**  
9F555B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A34C83 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 #A34C83 looks like.

```
.text, #text, p{  
    color:#A34C83  
}
```

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 #A34C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A34C83
}
```

## Border

The CSS property to change the border of an element to Hex A34C83 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
#A34C83 }
```

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

```
.border{ border-color:#A34C83 }
```

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

Here you see how a box with a 4 pixel #A34C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A34C83; -webkit-box-shadow:4px 4px  
4px 4px #A34C83; box-shadow:4px 4px 4px  
4px #A34C83 }
```

# Background

The CSS property to change the background color of an element to Hex A34C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A34C83 }
```

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

```
.background{ background-color:#A34C83 }
```

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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