

# Converting Colors

Hex(A03A81)

Have a look what the booklet for  
Hex(A03A81) contains.

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# Color

**Hex(A03A81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A03A81
RGB	160, 58, 129
RGB Percent	63%, 23%, 51%
CMY	0.3725, 0.7725, 0.4941
CMYK	0.00, 0.64, 0.19, 0.37
HSL	318°, 47%, 43%
HSV	318°, 64%, 63%
XYZ	19.9727, 12.0847, 22.0488
YIQ	96.5920, 38.0010, 43.7050

# Conversions

## Conversions Part 2

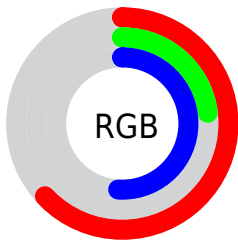
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 58, 129
Decimal	10500737
CIELab	41.35, 50.06, -18.57
CIELCh	41, 53.392, 339.651
Yxy	12.0847, 0.3691, 0.2234
Android (android.graphics.Color)	4288690817 (0xFFA03A81)
YUV	96.5920, 15.9771, 55.6088
Hunter-Lab	34.7630, 41.7199, -13.2711

# Details

The Hex color **A03A81** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3AA059**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D970B6**, and **690050** is the 20% darker color. If you saturate the color by 10%, you get **A02A7C**, and if you desaturate by 10%, it is **A04A86**.

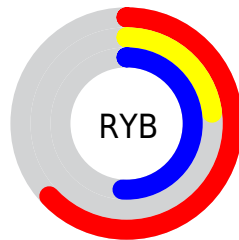
# Distribution



Red (63%)

Green (23%)

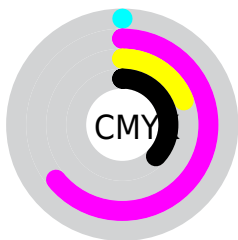
Blue (51%)



Red (63%)

Yellow (23%)

Blue (51%)

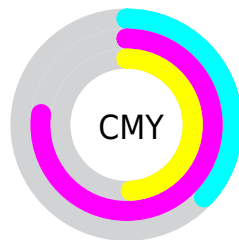


Cyan (0%)

Magenta (64%)

Yellow (19%)

Black (37%)



Cyan (37%)

Magenta (77%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A03A81 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 A03A81 by changing the saturation by 10% instead.



 A03A81

 A03A81

FFFFFF

 841D68

 D970B6

 690050

 F78BD2

 4F0038

 FFA6EE

 370023

 FFC2FF

 170009

 FFDFFF

 000000

 FFFCFF

 A03A81

 A03A81

 A02A7C

 A04A86

 A01A77

 A05A8B

 A00A72

 A06A90

 A0006F

 A07A94

 A08A99

 A09A9E

 A0AAA3

 A0BAA8

 A0CAAD

# Harmonies

## Analogous

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



754FA6



A03A81



AF3255

# Triad

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



A03A81



696400



007499

# Complementary

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



A03A81



3AA059

# 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.



00756F



A03A81



386E14

# Square

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



A03A81



8E5400



007441



006EB4

# Rectangle

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



A03A81



AC3A39



007441



00758C



# Sweetspot

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



A03A81



D1A9C5



593AA0



695161



E8E8E8



696969



# Same Dimension

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



A03A81



D130A0



A03A4E



4F474D



8F0063



0F000B



# Inverse Universe

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



A03A81



D130A0



3AA08C



4F474D



8F0063



0F000B



# Previews

## White Background



This preview shows how the Hex color A03A81 looks on a white background.

## Color Contrast Check

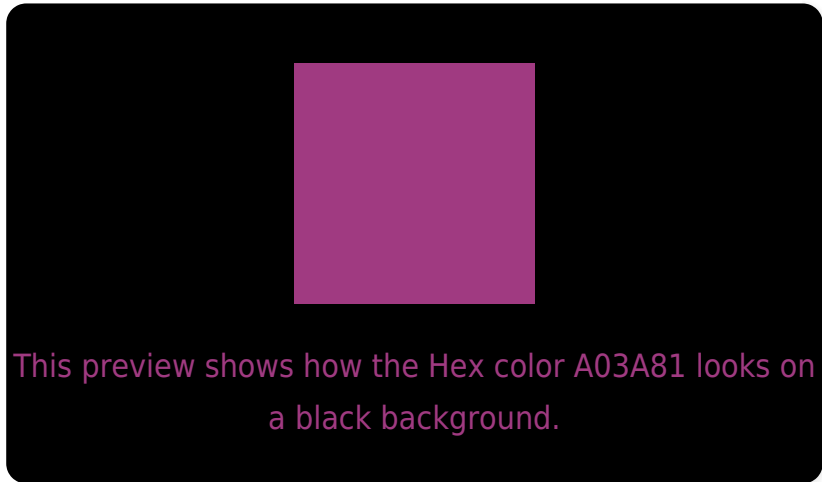
Large Text (above 18pt) WCAG AA ✓ Pass

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

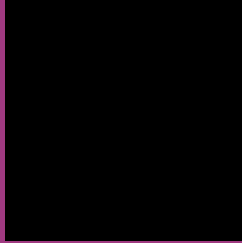
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A03A81 Background



This preview shows how black text looks on a background with the Hex color A03A81.



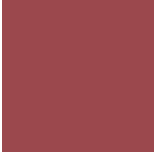
This preview shows how white text looks on a background with the Hex color A03A81.

# 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](#).

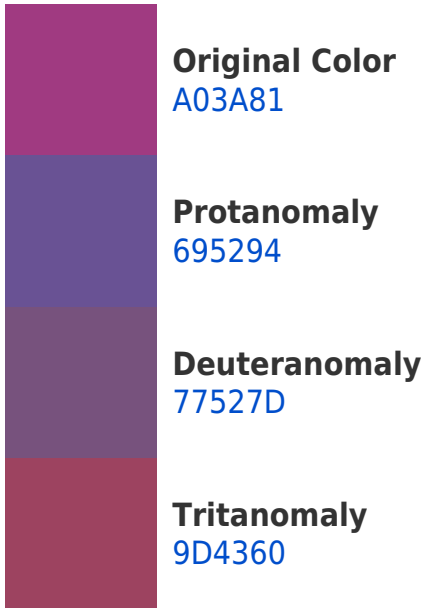
## Dichromacy





**Tritanopia**  
9B484D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A03A81 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 #A03A81 looks like.

```
.text, #text, p{  
    color:#A03A81  
}
```

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 #A03A81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A03A81  
}
```

## Border

The CSS property to change the border of an element to Hex A03A81 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  
#A03A81 }
```

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

```
.border{ border-color:#A03A81 }
```

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

Here you see how a box with a 4 pixel #A03A81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A03A81; -webkit-box-shadow:4px 4px  
4px 4px #A03A81; box-shadow:4px 4px 4px  
4px #A03A81 }
```

# Background

The CSS property to change the background color of an element to Hex A03A81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A03A81 }
```

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

```
.background{ background-color:#A03A81 }
```

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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