

# Converting Colors

Hex(A03A6D)

Have a look what the booklet for  
Hex(A03A6D) contains.

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**Color**

**Hex(A03A6D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A03A6D
RGB	160, 58, 109
RGB Percent	63%, 23%, 43%
CMY	0.3725, 0.7725, 0.5725
CMYK	0.00, 0.64, 0.32, 0.37
HSL	330°, 47%, 43%
HSV	330°, 64%, 63%
XYZ	18.7706, 11.6038, 15.7184
YIQ	94.3120, 44.4210, 37.4850

# Conversions

## Conversions Part 2

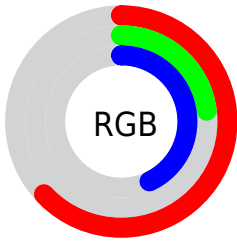
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 58, 109
Decimal	10500717
CIE <sub>Lab</sub>	40.58, 47.30, -7.37
CIE <sub>LCh</sub>	41, 47.866, 351.147
Yxy	11.6038, 0.4072, 0.2517
Android (android.graphics.Color)	4288690797 (0xFFA03A6D)
YUV	94.3120, 7.2412, 57.6084
Hunter-Lab	34.0644, 38.7466, -3.5133

# Details

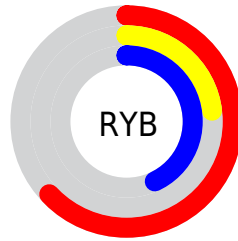
The Hex color **A03A6D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3AA06D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **DA6FA0**, and **69003E** is the 20% darker color. If you saturate the color by 10%, you get **A02A65**, and if you desaturate by 10%, it is **A04A75**.

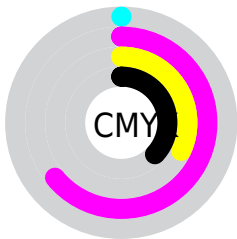
# Distribution



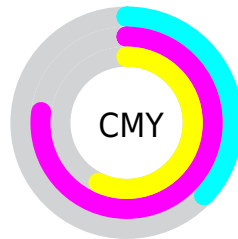
- Red (63%)
- Green (23%)
- Blue (43%)



- Red (63%)
- Yellow (23%)
- Blue (43%)



- Cyan (0%)
- Magenta (64%)
- Yellow (32%)
- Black (37%)



- Cyan (37%)
- Magenta (77%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A03A6D 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 A03A6D by changing the saturation by 10% instead.



 A03A6D

 A03A6D

FFFFFF

 841E55

 DA6FA0

 69003E

 F78ABB

 4E0028

 FFA5D7

 360014

 FFC1F4

 100000

 FFDEFF

 000000

 FFFBFF

 A03A6D

 A03A6D

 A02A65

 A04A75

 A01A5D

 A05A7D

 A00A55

 A06A85

 A00050

 A07A8D

 A08A95

 A09A9D

 A0AAA5

 A0BAAD

 A0CAB5

# Harmonies

## Analogous

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



834891



A03A6D



A53B46

# Triad

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



A03A6D



586608



006F9C

# Complementary

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



A03A6D



3AA06D

# 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.



00727B



A03A6D



246E2B

# Square

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



A03A6D



7D5A04



007152



0068AD

# Rectangle

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



A03A6D



9E442E



007152



007192



# Sweetspot

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



A03A6D



D1A9BD



6D3AA0



69515D



E8E8E8



696969



# Same Dimension

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



A03A6D



D13081



A03A3A



4F474B



8F0047



0F0008



# Inverse Universe

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



A03A6D



D13081



3AA0A0



4F474B



8F0047



0F0008



# Previews

## White Background



This preview shows how the Hex color A03A6D looks on a white background.

## Color Contrast Check

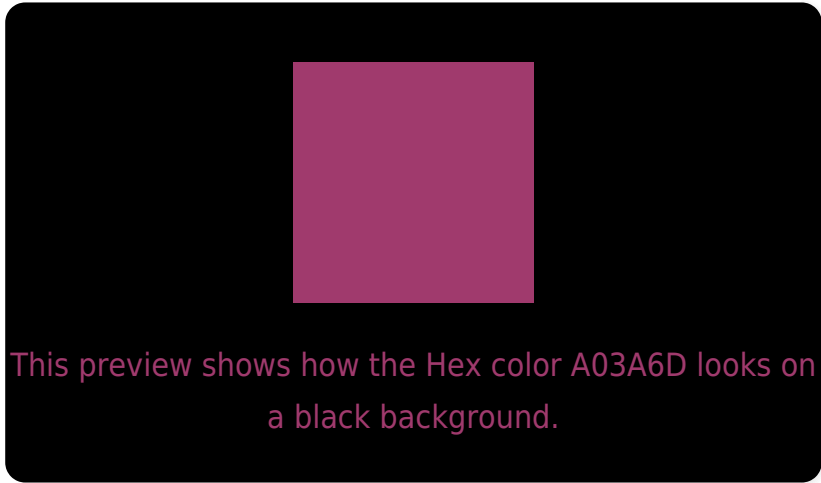
Large Text (above 18pt) WCAG AA ✓ Pass

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

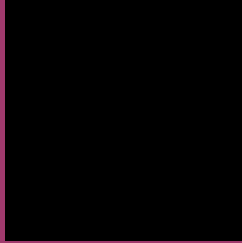
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A03A6D Background



This preview shows how black text looks on a background with the Hex color A03A6D.



This preview shows how white text looks on a background with the Hex color A03A6D.

# 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**  
9D4347

# Trichromacy



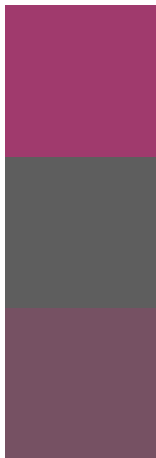
**Original Color**  
A03A6D

**Protanomaly**  
70527D

**Deuteranomaly**  
7B516A

**Tritanomaly**  
9E4055

# Monochromacy



**Original Color**  
A03A6D

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
765163

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A03A6D 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 #A03A6D looks like.

```
.text, #text, p{  
    color:#A03A6D  
}
```

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 #A03A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A03A6D
}
```

## Border

The CSS property to change the border of an element to Hex A03A6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

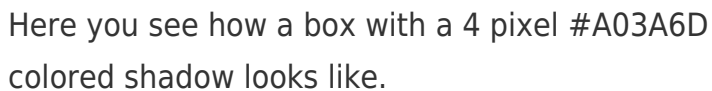
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A03A6D }
```

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

```
.border{ border-color:#A03A6D }
```

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



Here you see how a box with a 4 pixel `#A03A6D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A03A6D; -webkit-box-shadow:4px 4px  
4px 4px #A03A6D; box-shadow:4px 4px 4px  
4px #A03A6D }
```

# Background

The CSS property to change the background color of an element to Hex A03A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A03A6D }
```

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

```
.background{ background-color:#A03A6D }
```

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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